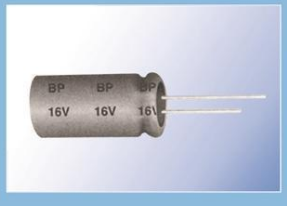
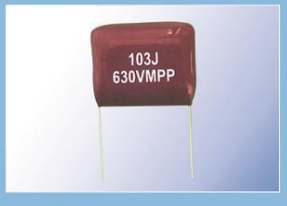
ALLCONNE

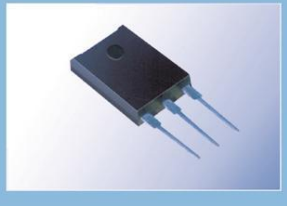
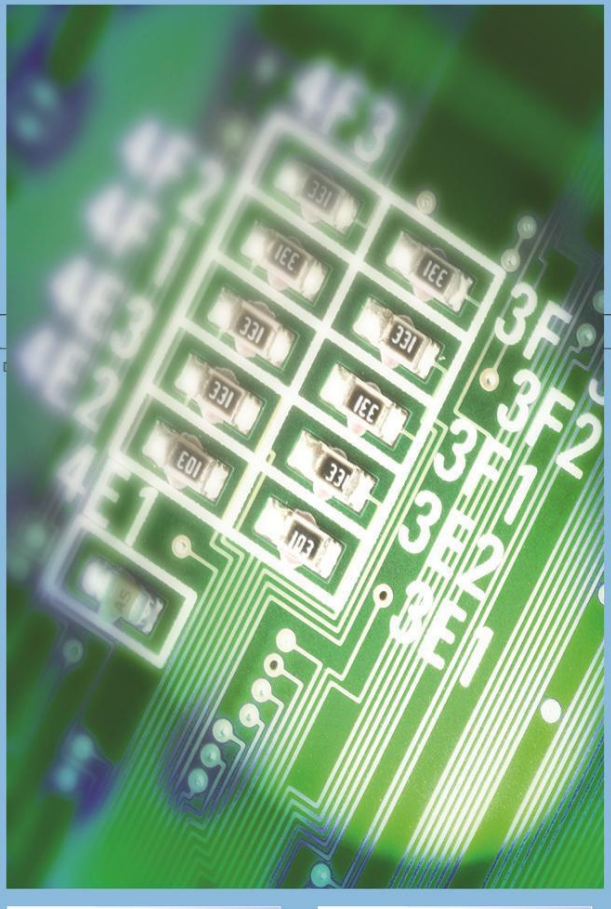
A WIDE RANGE OF COMPONENTS

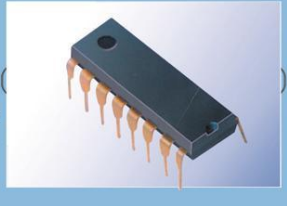
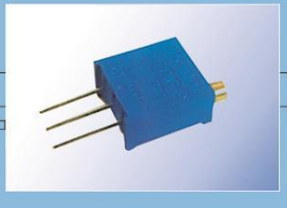
Professional.Excellent.Innovate.Sincere












ALLCONNE INTERNATIONAL CO.,LIMITED

CHANGZHOU RUIYING IMPORT & EXPORT CORP. LTD.

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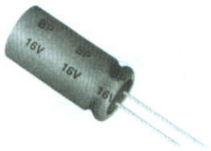
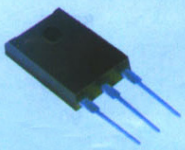


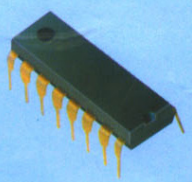
CAPACITOR

FILM CAPACITOR

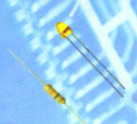
TRANSISTOR & TRIAC & MOSFETS



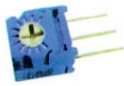
INTEGRATED CIRCUIT

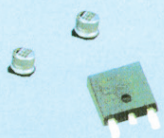


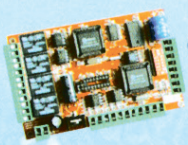
DIODE 43-46



SIDAC
ZENNER
DIAC
SWITCHING
SCHOTTKY
RECTIFIER
RECOVERY RECTIFIER
BRIDGE DIOES







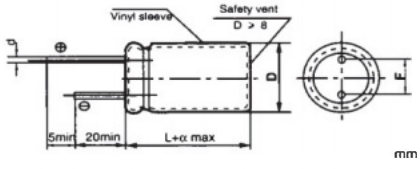
MA (CD11M)series Aluminum Electrolytic Capacitors

5mm height, mini-size,standard
Suitable for camera,car audio,mini-audio sets,etc.

Specifications

Operating temperature range	-40~+85°C
Rated voltage range	4V~50V_{DC}
Capacitance tolerance	±20%(100Hz 20ûC)
Leakage current(20ûC)	1≤0.01C J_R or 3uA (whichever is greater) after 1 minute C_R Nominal capacitance U_R:Rated voltage
Dissipation factor(20ûC 100Hz)	U_R(V) 4 6.3 10 16 25 35 50 tgδ 0.35 0.24 0.20 0.16 0.14 0.12 0.10
Temperature characteristics (impedance ration at 100Hz)	U_R(V) 4 6.3 10 16 25 35 50 $Z_{-25°C}/Z_{+20°C}$ 7 6 4 4 3 2 2 $Z_{-40°C}/Z_{+20°C}$ 15 12 10 8 6 4 4
Endurance	After applying rated voltage for 1000 hours at 85ûC,and then resumed 16 hours Capacitance change: Within ±20% of the initial measured value tgδ≤150% of the initial specified value Leakage current ≤ initial specified value
Shelf life	After storage for 500 hours at 85°C ,applying rated voltage for 30 minutes,the resumed 16 hours: Capacitance change: Within ±20% of the initial measured value tgδ≤150% of the initial specified value Leakage current≤200% initial specified value

Case size table



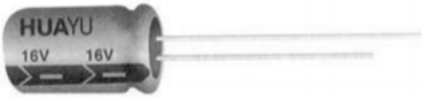
ØD±0.5	3	4	5	6.3	8
F±0.5	1.0	1.5	2.0	2.5	3.5
Ød±0.1	0.4	0.45			0.5
∂	0.5				1.0

D X L (mm)

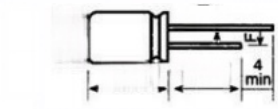
V(V) / C(μF)	CODE	4		6.3		10		16		25		35		50	
		0G		0J		1A		1C		1E		1V		1H	
0.1	0R1													3(4) X 5	1.0(1.0)
0.22	R22													3(4) X 5	2.0(2.0)
0.33	R33													3(4) X 5	2.8(2.8)
0.47	R47													3(4) X 5	4.0(4.0)
1	010													3(4) X 5	8.4(8.0)
2.2	2R2													3(4) X 5	13
3.3	3R3											3 X 5	8.4	4 X 5	17
4.7	4R7									3 X 5	10	4 X 5	14	5 X 5	20
10	100			3 X 5	15	4 X 5	17	3 X 5	13	4 X 5	16	4 X 5	18	6 X 5	33
22	220	3 X 5	19	4 X 5	28	5 X 5	33	4 X 5	23	5 X 5	27	5 X 5	29	8 X 5	52
33	330	4 X 5	28	5 X 5	37	5 X 5	41	5 X 5	37	6 X 5	42	6 X 5	46	8 X 5	71
47	470	4 X 5	33	5 X 5	45	6 X 5	52	6 X 5	49	6 X 5	52	8 X 5	62		
100	101	5 X 5	56	6 X 5	70	8 X 5	80	6 X 5	58	8 X 5	70	8 X 5	80		
220	221	6 X 5	96	8 X 5	110	8 X 5	135	8 X 5	92	8 X 5	110				
330	331	8 X 5	145	8 X 5	170									ØD X L	(mA)
470	471	8 X 5	185												

CM 7mmL standard(CD11C Series)

Be 7mm in height,for general purpose, standard size.
Used in car audio, cassette tape recorders, pocked calculator circuits,etc.



Specifications

Item	Characteristics								
Size and its tolerance 	ØD	4	5	6	8				≥Ø8 with safety vent PVC sleeve
	F±0.5	1.5	2.0	2.5	3.5				
	Ød±0.1	0.45			0.5				
	α	0.5							
	β	0.3							
Operating temperature range	-40~+85ºC								
Rated voltage range	6.3V~63V								
Nominal capacitance range	0.1μF ~330μF								
Capacitance tolerance	±20%(100Hz 20ºC)								
Leakage current(20ºC)	I≤0.01CV or 3uA (whichever is greater) after 1 minute								
	1.Leakage current C:Nominal capacitance V:Rated voltage								
(tgδ)Dissipation factor(20ºC 100Hz)	Rated voltage(V)	6.3	10	16	25	35	50	63	100Hz 20ºC
	tgδ	0.24	0.20	0.16	0.14	0.12	0.10	0.10	
Temperature characteristics (Impedance ration at 100Hz)	Rated voltage(V)	6.3	10	16	25	35	50	63	100Hz
	Z-25ºC/Z+20ºC	4	3	2	2	2	2	2	
	Z-40ºC/Z+20ºC	8	6	4	4	3	3	3	
Endurance	After applying rated voltage for 1000 hours at 85ºC,and then resumed 16 hours:								
	Capacitance change	Within ±20% of the initial measured value							
	tgδ	≤150% of the initial specified value							
	Leakage current	≤initia specified value							
Shelf life	After storage for 500 hours at 85ºC the resumed 16 hours:								
	Capacitance change	Within ±20% of the initial neasured value							
	tgδ	≤150% of the initial specified value							
	Leakage current	≤200% initial specified value							

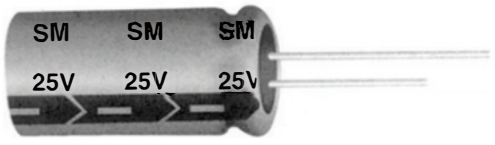
Case size table

D X L (mm)

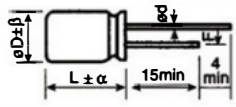
W(V) / C(μF)	CODE	6.3		10		16		25		35		50		63	
		0J		1A		1C		1E		1V		1H		1J	
0.1	0R1											4 X 7	0.8		
0.22	R22											4 X 7	2.0		
0.33	R33											4 X 7	3.0		
0.47	R47											4 X 7	4.0		
1	010											4 X 7	8.5	4 X 7	11
2.2	2R2									4 X 7	13	4 X 7	14	4 X 7	16
3.3	3R3							4 X 7	13	4 X 7	16	4 X 7	17	5 X 7	20
4.7	4R7					4 X 7	16	4 X 7	16	4 X 7	19	5 X 7	22	6 X 7	26
10	100			4 X 7	21	4 X 7	24	4 X 7	19	5 X 7	29	6 X 7	34	8 X 7	40
22	220	4 X 7	29	5 X 7	33	5 X 7	37	5 X 7	29	6 X 7	45	8 X 7	53		
33	330	5 X 7	37	5 X 7	41	6 X 7	48	6 X 7	45	8 X 7	59				
47	470	5 X 7	44	6 X 7	51	6 X 7	57	8 X 7	59						
100	101	6 X 7	68	6 X 7	75	8 X 7	89								
220	221	6 X 7	101	8 X 7	118									ØD X L	(mA)
330	331	8 X 7	132												

SM standard(CD110 Series)

Reliable and stable characteristics, standard size.
Be widely used in variant electronic equipments.



Specifications

Item	Characteristics											
Size and its tolerance 	ØD	5	6	8	10	13	16	18	20	22	25	≥Ø8 with safety vent PVC sleeve
	F±0.5	2	2.5	3.5	5.0		7.5		10		12.5	
	Ød±0.1	0.5			0.6		0.8					
	a	1.0			1.5		2.0					
	ß	0.5			0.8		1.0					
Operating temperature range	-40 ~ +85ûC				-25 ~ +85ûC							
Rated voltage range	6.3V ~ 100V$_{DC}$				160V ~ 250V$_{DC}$							
Nominal capacitance range	0.1μF ~ 10000μF				0.1μF ~ 220μF							
Capacitance tolerance	-10% ~ +30%,±20%(100Hz 20ûC)											
Leakage current(20ûC)	1)0.01CV or 3μA after 2 minute (whichever is greater)				2)0.03CV or 10μA after 3 minute (whichever is greater)							
	1.Leakage current C:Normal capacitance V:Rated voltage											
(tgδ)Dissipation factor(20ûC 100Hz)	Rated voltage(V)	6.3	10	16	25	35	50	63~100		160	250	
	tgδ	0.24	0.22	0.16	0.14	0.12	0.1	0.08		0.16	0.18	
	For capacitance value > 1000mμF,add 0.22 per another 1000μF											
Surge voltage(20ûC)	Rated voltage(V)	6.3	10	16	25	35	50	63	100	160	250	
	Surge voltage(V)	8	13	20	32	44	63	79	125	200	300	
Temperature characteristics (impedance ration at 100Hz)	Rated voltage(V)	6.3	10	16	25	35	50	63	100	160	250	
	$Z_{-25°C}/Z_{+20°C}$	4	3	3	2		2	2		2	3	
	$Z_{-40°C}/Z_{+20°C}$	7	5	5	4		4	4		4	7	
Endurance	After applying rated voltage for 1000 hours at 85ûC, then resumed 16 hours:											
	Capacitance change	Within ±20% of the initial measured value										
	tgδ	≤150% of the initial specified value										
	Leakage current	≤ initial specified value										
Shelf life	After storage for 500 hours at 85ûC the resumed 16 hours:											
	Capacitance change	Within ±20% of the initial measured value										
	tgδ	≤150% of the initial specified value										
	Leakage current	≤200% initial specified value										

SM standard(CD110 Series)

Case size

Permit ripple current

D X L (mm)

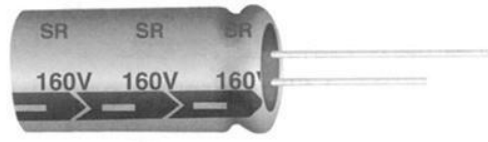
WV(V) / C(μF)	CODE	6.3		10		16		25		35	
		0J		1A		1C		1E		1V	
6.8	6R8							5 X 11	24		
10	100					5 X 11	20	5 X 11	36	5 X 11	32
22	220			5 X 11	37	5 X 11	41	5 X 11	44	5 X 11	52
33	330	5 X 11	41	5 X 11	46	5 X 11	51	5 X 11	60	5 X 11	64
47	470	5 X 11	50	5 X 11	54	5 X 11	67	5 X 11	70	5 X 11	85
68	680	5 X 11	60	5 X 11	72	5 X 11	90	5 X 11	95	6 X 12	115
100	101	5 X 11	80	5 X 11	85	6 X 12	110	6 X 12	110	8 X 12	140
220	221	5 X 11	136	6 X 12	143	8 X 12	180	8 X 12	220	10 X 13	270
330	331	6 X 12	187	8 X 12	200	8 X 12	250	10 X 13	300	10 X 16	350
470	471	8 X 12	213	8 X 12	280	10 X 13	330	10 X 16	400	10 X 20	480
680	681	10 X 13	340	10 X 16	360	10 X 20	450	13 X 20	475	13 X 25	600
1000	102	10 X 16	400	10 X 16	480	10 X 20	550	13 X 20	720	13 X 25	750
2200	222	10 X 20	700	13 X 20	850	13 X 25	900	16 X 25	1200	16 X 32	1300
3300	332	13 X 20	950	13 X 25	1100	16 X 25	1200	16 X 32	1500	18 X 36	1572
4700	472	13 X 25	1100	16 X 25	1300	16 X 32	1600	18 X 36	1736		
6800	682	16 X 25	1400	16 X 32	1600	18 X 36	1954				
10000	103	16 X 32	1800	18 X 36	2119						

D X L (mm)

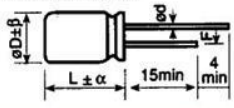
WV(V) / C(μF)	CODE	50		63		100		160		250	
		1H		1J		2A		2C		2E	
0.1	0R1	5 X 11	3			5 X 11	4	6 X 12	3.3	6 X 12	3.1
0.22	R22	5 X 11	5			5 X 11	6	6 X 12	4.9	6 X 12	4.7
0.33	R33	5 X 11	6			5 X 11	7	6 X 12	6.0	6 X 12	5.7
0.47	R47	5 X 11	8			5 X 11	8	6 X 12	7.2	6 X 12	6.8
1	010	5 X 11	10			5 X 11	12	6 X 12	9	6 X 12	11
2.2	2R2	5 X 11	16			5 X 11	18	6 X 12	16	8 X 12	18
3.3	3R3	5 X 11	20			5 X 11	22	8 X 12	21	10 X 13	25
4.7	4R7	5 X 11	24	5 X 11	25	5 X 11	29	8 X 12	30	10 X 13	30
6.8	6R8	5 X 11	29	5 X 11	34	5 X 11	40	10 X 13	36	10 X 20	40
10	100	5 X 11	35	5 X 11	41	6 X 12	50	10 X 13	40	10 X 20	53
22	220	5 X 11	58	6 X 12	70	8 X 12	80	10 X 20	75	13 X 25	100
33	330	6 X 12	80	6 X 12	85	8 X 12	110	13 X 20	103	13 X 25	125
47	470	6 X 12	95	8 X 12	110	10 X 13	140	13 X 25	149	16 X 25	163
68	680	8 X 12	130	8 X 12	160	10 X 20	190	16 X 25	179	18 X 32	212
100	101	8 X 12	180	10 X 13	200	13 X 20	220	16 X 25	245	18 X 36	310
220	221	10 X 16	330	10 X 20	340	13 X 25	410	18 X 36	323		
330	331	10 X 20	410	13 X 20	450	16 X 25	560				
470	471	13 X 20	560	13 X 25	560	16 X 32	730				
680	681	16 X 25	680	16 X 25	800						
1000	102	16 X 25	800	16 X 32	950					ØD X L	(mA)
2200	222	18 X 36	935								

SR Middle and high voltage for general purpose(CD11H Series)

Middle and high voltage,standard size.
Used in energy-saving electronic ballasts,
switching power supply,etc.



Specifications

Item	Characteristics									
Size and its tolerance 	ØD	6	8	10	13	16	18	20	22	≥Ø8 with safety vent PVC sleeve
	F ±0.5	2.5	3.5	5.0		7.5		10		
	Ød ±0.1	0.5		0.6		0.8				
	∂	1.0		1.5			2.0			
	β	0.5		0.8			1.0			
Operating temperature range	-25~+85°C									
Rated voltage range	160V~450VDC									
Nominal capacitance range	0.47μF~560μF									
Capacitance tolerance	±20%(100Hz 20°C)									
Leakage current(20ûC)	I≤0.03CV or 10uA(whichever is greater)after 3 minute									
	I:Leakage current C:Normal capacitance V:Rated voltage									
Dissipation factor(20ûC 100Hz)	Rated voltage(V)	160	200	250		315	350	400	450	
	tgδ	0.20	0.20	0.20		0.20	0.25	0.25	0.25	
Temperature characteristics (Impedance ration at 100Hz)	Rated voltage(V)	160	200	250		315	350	400	450	
	$Z_{-25°C}/Z_{+20°C}$	3	5	7		7	10	10	10	
	$Z_{-40°C}/Z_{+20°C}$	4	5	7		7	15	15	15	
Endurance	After applying rated voltage for 1000 hours at 85°C then resumed 16 hours:									
	Capacitance change	Within ±20% of the initial measured value								
	tgδ	≤150% of the initial specified value								
	Leakage current	≤initial specified value								
Shelf life	After storage for 500 hours at 85ûC the resumed 16 hours:									
	Capacitance change	Within ±20% of the initial measured value								
	tgδ	≤150% of the initial specified value								
	Leakage current	≤200% initial specified value								

D X L (MM)

WV(V) / C(μF)	CODE	160		200		250		315		350		400		450	
		2C		2D		2E		2F		2V		2G		2W	
0.47	R47	6X12	10		10		10								
1	010	6X12	14	6X12	14	6X12	14	6X12	14	8X12	15	8X12	15	10X13	16
2.2	2R2	6X12	22	6X12	26	8X12	26	8X12	26	10X13	24	10X13	24	10X16	25
3.3	3R3	8X12	30	8X12	30	10X13	30	10X13	30	10X16	30	10X16	30	10X20	30
4.7	4R7	8X12	34	10X13	38	10X13	38	10X16	38	10X16	34	10X20	38	13X20	43
10	100	10X13	55	10X16	60	10X20	60	10X20	60	13X20	60	13X20	60	13X25	64
22	220	10X20	94	10X20	94	13X25	111	13X25	102	13X25	94	16X25	94	16X32	94
33	330	13X20	128	13X25	136	13X25	135	16X25	128	16X32	119	16X32	119	18X36	128
47	470	13X25	153	13X25	153	16X25	179	16X32	162	18X36	187	18X36	187	20X40	196
100	101	16X25	255	16X32	281	18X36	299	18X40	289	20X40	306	22X40	315		
150	151	16X36	357	18X36	383	18X40	391	20X40	383	22X40					
220	221	18X36	434	18X40	442	20X40	451	22X45	502						
270	271	18X40	459	20X40	485	22X40	510								
330	331	20X40	510	22X40	570	25X35	512								
390	391	22X40	493	25X35	655	25X40	672								
470	471	25X35	680	25X40	723									ØD X L	(mA)
560	551	25X40	782												

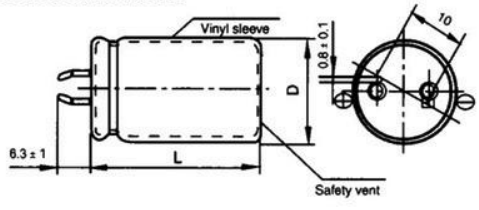
LR Middle and high voltage,standard (CD293 Series)

Reliabe and stable characteristics,standard size.
Used in power supply filters

Specifications

Operating temperature range	-25 ~ +85°C
Rated voltage range	160 ~ 400V
Nominal capacitance range	33 ~ 470μF
Capacitance tolerance	-10% ~ +50%
Leakage current	≤0.03$C_R U_R$(μA) or 5mA (Whichever is smaller)
Dissipation factor(100Hz.20°C)	U_R(V) <350 ⩾350; tgδ 0.18 0.23
Temperature characteristics (Impedance ratio at 100Hz)	U_R(V) 160 >160; Z-25°C/Z+20°C ⩽4 ⩽7
Load life	After applying rated voltage with specified ripple current for 1000 hours at +85°C and then resumed 16 hours: Capacitance change: ±15% Initial measured value Leakage current: ⩽Initial specified value Dissipation factor: ⩽1.5 Initial specified value or 0.4 (Whichever is greater)
Shelf life	After storage for 500 hours at +85°C and then resumed 16 hours: Capacitance change: ±20% Initial measured value Leakage current: ⩽2 Initial specified value Dissipation factor: ⩽1.2 Initial specified value

Case size table



D±1.5	16	22	25	30
L±3	25	30,35,40	40,50	40,50

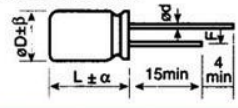
D X L (MM)

DXL(mm) U_R(V) / U_S(V) / C_R(μF)	160 / 200	200 / 250	250 / 300	315 / 365	350 / 400	400 / 450
33						22X30
47			16X25	22X30	22X30	22X30
68				22X40	22X40	22X40
100	22X30	22X30	22X40	25X40	25X40	25X40
150	22X30	22X30	25X40	25X50	25X50	25X50
200	25X40	25X40	25X50	30X40	30X50	30X50
		22X35				25X40
300	25X40	25X50	30X40			
470	25X40	30X50				30X50
	25X50					

BP Non-polar,standard (CD71 Series)

The polarity can be reversed,standard size.
Use in circuits what polarity is reversed,such as signal coupling,etc.

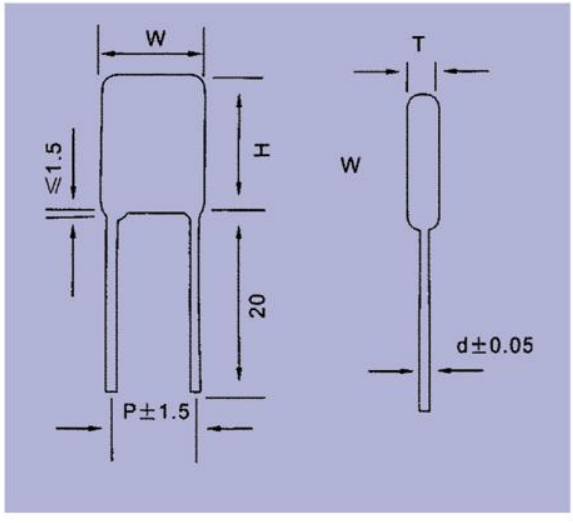
Specifications

Item	Characteristics								
Size and its tolerance 	ØD	5	6	8	10	13	16	18	≥Ø8 with safety vent PVC sleeve
	F±0.5	2	2.5	3.5	5.0		7.5		
	Ød±0.1	0.5			0.6		0.8		
	∂	1.0			1.5			2.0	
	β	0.5			0.8			1.0	
Operating temperature range	-40~+85ûC								
Rated voltage range	6.3V~100VDC								
Nominal capacitance range	0.47μF~10000μF								
Capacitance tolerance	±20%(100Hz 20ûC)								
Leakage current(20ûC)	I≤0.03CV or 5uA(whichever is greater)after 1 minute								
	I:Leakage current C:Normal capacitance V:Rated voltage								
Dissipation factor(20ûC 100Hz)	Rated voltage(V)	6.3	10	16	25	35	50	63	100
	tgδ(MAX)	0.24	0.24	0.22	0.20	0.16	0.14	0.12	0.10
Temperature characteristics (Impedance ration at 100Hz)	0.02 is added to every 1000μF increase over 1000μF								
	Rated vp;tage(V)	6.3	10	16	25	35	50	100	100
	$Z_{-25ûC}/Z_{+20ûC}$	4	3	2	2	2	2	2	2
	$Z_{-40ûC}/Z_{+20ûC}$	10	8	6	5	4	4	3	3
Endurance	After applying rated voltage for 1000 hours at 85°C then resumed 16 hours:								
	Capacitance change	Within ±20% of the initial measured value							
	tgδ	≤150% of the initial specified value							
	Leakage current	≤initial specified value							
Shelf life	After storage for 500 hours at 85ûC the resumed 16 hours:								
	Capacitance change	Within ±20% of the initial measured value							
	tgδ	≤150% of the initial specified value							
	Leakage current	≤200% initial specified value							

D X L (MM)

WV(V)		6.3		10		16		25		35		50		63		100	
C(μF)	CODE	0J		1A		1C		1E		1V		1H		1J		2A	
0.47	R47											5X11	9.4			5X11	12
1	010											5X11	14			5X11	18
2.2	2R2											5X11	21			6X12	29
3.3	3R3											5X11	23	5X11	24	6X12	33
4.7	4R7									5X11	29	5X11	29	6X12	29	6X12	40
10	100					5X11	36	5X11	36	5X11	37	6X12	44	6X12	48	8X12	60
22	220			5X11	48	5X11	48	6X12	55	6X12	62	8X12	76	8X12	81	10X16	115
33	330	5X11	54	5X11	54	5X11	60	6X12	68	8X12	85	8X12	89	10X13	115	13X20	187
47	470	5X11	65	5X11	65	6X12	81	6X12	81	8X12	102	10X13	128	10X16	153	13X20	204
100	101	6X12	106	6X12	106	8X12	136	8X12	136	10X16	195	10X20	225	13X20	272	16X25	361
220	221	8X12	103	8X12	183	10X13	234	10X16	259	13X20	349	13X25	408	16X25	489	18X36	612
330	331	8X12	225	10X16	293	10X16	319	13X20	383	13X20	429	16X25	553	16X32	557		
470	471	10X12	315	10X16	349	10X20	412	13X20	459	13X25	556	16X32	910	18X36	820		
1000	102	10X20	553	13X20	612	13X25	727	16X25	808	16X32	969						
2200	222	13X25	986	16X25	1088	16X32	1284	18X36	1377								
3300	332	16X25	1335	16X32	1437	18X36	1683										
4700	472	16X32	1717	18X36	1836											ØD X L	(mA)
10000	682	18X36	2210														

MODEL CL11 METAL FOIL TYPE POLYESTER FILE DC STATIONARY CAPACITOR



■ Features

Polyester film as medium, and aluminum foil as electrode;
Encapsulated with epoxide resin, and unilateral lead-out;
Compact, good insulating performances, and resistant to high temperature;
Suitable for DC or pulsed circuit in TV set,Recorder,VCD,economical lamps, electronic ballast,telecommunication equipment, and other electronic instuments and meters.

■ Specifications

1、Operating Temperature -55℃~+110℃

2、Capacitance Range 0.001~0.47μF

3、Capacitance Tolerance J:±5%; K:±10%; M:±20%,

4、Rated Voltage 100V,160V,250V,400V,630V,1000V,1200V

5、Withstand Voltage $2U_R$(1-5s)

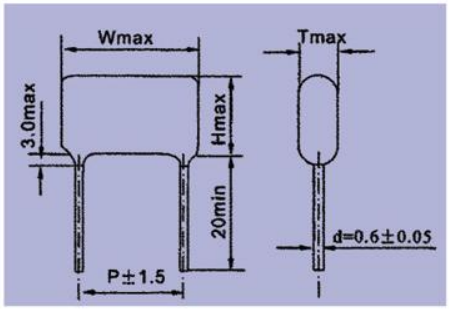
6、Dissipation Factor ≤0.01(20℃ 1KHZ)

7、Insulation Resistance ≥30000MΩ

■ Dimensions

R.V(V)	100VDC					160VDC					250VDC					400VDC					630VDC					1000VDC					1200VDC				
Cap(μF)	W	H	T	d ±0.05	p ±1.5	W	H	T	d ±0.05	p ±1.5	W	H	T	d ±0.05	p ±1.5	W	H	T	d ±0.05	p ±1.5	W	H	T	d ±0.05	p ±1.5	W	H	T	d ±0.05	p ±1.5	W	H	T	d ±0.05	p ±1.5
0.001	6	12.5	4	0.5	4	6	12.5	4	0.5	4.5	6	12.5	3.5	0.5	4	6	13.5	3.5	0.5	4	6	12.5	4	0.5	4	6	14	4.5	0.5	5.5	8	14.5	4.5	0.5	6
0.0012																					6	12.5	4	0.5	4	7.5	14	4.5	0.5	5.5	8	14.5	4.5	0.5	6
0.0015	6	12.5	4	0.5	4	6	12.5	4	0.5	4.5	6	12.5	3.5	0.5	4	6	13.5	3.5	0.5	4	7	12.5	4	0.5	4.5	7.5	14	4.5	0.5	5.5	9	14.5	4.5	0.5	6.6
0.0022	6	11.5	4	0.5	4	6	11.5	4	0.5	4.5	6	12	3.5	0.5	4	6	13.5	3.5	0.5	4.7	7	12.5	4	0.5	4.5	7.5	14	5	0.5	5.5	9.5	14.5	5.5	0.5	6.5
0.0027	6	11.5	4	0.5	4	6.6	11.5	4	0.5	4.5	6	12	3.5	0.5	4	6	13.5	3.5	0.5	4.7	7.5	12.5	5	0.5	5	8.5	14	5	0.5	6	9.5	14.5	5.5	0.5	6.5
0.0033	6.5	11.5	4	0.5	4	6.5	11.5	4	0.5	4.5	6	12	3.5	0.5	4	6	13.5	3.5	0.5	4.7	7.5	13	5	0.5	5	8.5	14	5	0.5	6	9.5	14.5	5.5	0.5	8.5
0.0047	6.5	11.5	4	0.5	4	6.5	11.5	4	0.5	4.5	6	12	4.8	0.5	4	9	13.5	3.5	0.5	5.5	9	13	5.5	0.5	5	9	14	5.5	0.6	6.5	12	15	6	0.6	8.5
0.0056											6.5										9.3	13.5	6	0.5	7.5	10	14.5	6	0.6	7.5	13	16	6	0.6	9
0.0082	6.5	11.5	4.5	0.5	4.5	6.5	11.5	4.5	0.5	4.8	6.7	12	4.8	0.5	4.8	9.5	15	5	0.5	7	10.5	13.5	6	0.5	7.5	10	14.5	6	0.6	8	14	16	7	0.6	9.5
0.01	7	11.5	4.5	0.5	4.5	7	11.5	4.5	0.5	4.8	7.5	12	4.8	0.5	4.8	9.5	15	5.5	0.5	7	10.5	16	7	0.6	8	11	15	7	0.6	8	14	16	8	0.6	9.5
0.012	7	11.5	4.5	0.5	6.5	7	11.5	4.5	0.5	6	7.5	13.5	4.8	0.5	5.5	9.5	15	5.5	0.5	7															
0.015	8	11.5	5.5	0.5	6.5	8	11.5	5.5	0.5	6	7.8	13.5	5	0.5	5.5	9.5	15	5.5	0.5	7	11	16	7	0.6	8	11	15	7	0.6	8	14	16	8	0.6	9.5
0.022	7.5	12.5	4.5	0.5	5.5	9	13	5.5	0.5	6	9.5	13.5	6.5	0.5	7.5	11.3	15	7.5	0.6	7	12	16.5	8	0.6	8	12	16	8.5	0.6	8.5					
0.047	9.5	12.5	5	0.5	7.4	11	13	7.5	0.5	7.5	11.5	14	7.7	0.5	8.5	13	17	9.5	0.6	9.5	14.5	18.5	9.5	0.6	9.5										
0.068	10	12.8	6	0.5	7.4	11.5	13.5	7.5	0.6	7.5	12	16	8.3	0.6	8.5	14	17	9.5	0.6	9.5															
0.1	10.5	16	6.5	0.5	8.2	12.5	18	8	0.6	8	14	19	9	0.6	10			9.5	0.6																
0.15	12.5	16.5	7	0.5	8.5								9	0.6	10			9.5	0.6																
0.22	13.5	16.5	8	0.5	9								9	0.6	10			9.5	0.6																

CL21X MINIATURE-SIZE METALLIZED & CL21S-B WITH PLASTIC SEALED



■ Features

1. The small size can be compared favorably with stacked Film capacitor;
2. Execllent self-heating property and reliability;
3. Low dissipation factor;
4. Epoxy resin powder coating provides the identical outer appearance.

■ Specifications (GB7332-87)

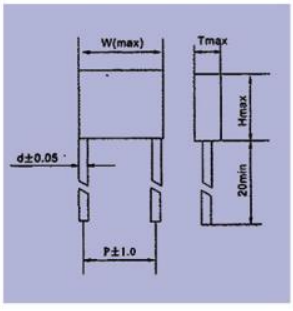
1. Operating Temperature	-55℃～+85℃
2. Capacitance Range	0.001～10.0μF
3. Capacitance Tolerance	J(±5%); K(±10%); M(±20%)
4. Rated Voltage	50/63V,100V,160V,250V,400V
5. Withstand Voltage	1.6U_R (1s)
6. Disspation Factor	≤1.0% (20℃ 1KHZ)
7. Insulation Resistance	C_R≤0.33μF; ≥18000MΩ C_R>0.33μF; ≥6000s(20℃,1Min)

■ Dimensions

R.V(V)	50/63VDC								100VDC							
Cap(μF)	W	H	T	p	W	H	T	p	W	H	T	p	W	H	T	p
0.0010	7.3	7.0	4.0	5.0					7.3	7.0	4.0	5.0				
0.0015	7.3	7.0	4.0	5.0					7.3	7.0	4.0	5.0				
0.0022	7.3	7.0	4.0	5.0					7.3	7.0	4.0	5.0				
0.0033	7.3	7.0	4.0	5.0					7.3	7.0	4.0	5.0				
0.0039	7.3	7.0	4.0	5.0					7.3	7.0	4.0	5.0				
0.0047	7.3	7.0	4.0	5.0					7.3	7.0	4.0	5.0				
0.0068	7.3	7.0	4.0	5.0					7.3	7.0	4.0	5.0				
0.010	7.3	7.0	4.0	5.0	10.2	8.0	4.5	7.5	7.3	7.0	4.0	5.0	10.2	8.0	4.5	7.5
0.015	7.3	7.0	4.0	5.0	10.2	8.0	4.5	7.5	7.3	7.0	4.0	5.0	10.2	8.0	4.5	7.5
0.018	7.3	7.0	4.0	5.0	10.2	8.0	4.5	7.5	7.3	7.0	4.0	5.0	10.2	8.0	4.5	7.5
0.022	7.3	7.0	4.0	5.0	10.2	8.0	4.5	7.5	7.3	7.0	4.0	5.0	10.2	8.0	4.5	7.5
0.027	7.3	7.0	4.0	5.0	10.2	8.0	4.5	7.5	7.3	7.0	4.0	5.0	10.2	8.0	4.5	7.5
0.033	7.3	7.5	4.5	5.0	10.2	8.0	4.5	7.5	7.3	7.5	4.5	5.0	10.2	8.0	4.5	7.5
0.039	7.3	7.5	4.5	5.0	10.2	8.0	4.5	7.5	7.3	7.5	4.5	5.0	10.2	8.0	4.5	7.5
0.047	7.3	7.5	4.5	5.0	10.2	8.0	4.5	7.5	7.3	7.5	4.5	5.0	10.2	8.0	4.5	7.5
0.068	7.3	8.0	4.5	5.0	10.2	8.0	4.5	7.5	7.3	8.0	4.5	5.0	10.2	8.0	4.5	7.5
0.10	7.3	9.5	4.5	5.0	10.2	8.0	4.5	7.5	7.3	9.5	4.5	5.0	10.2	8.0	4.5	7.5
0.15	10.2	9.0	4.5	7.5	13.0	9.0	4.5	10.0	10.2	9.0	4.5	7.5	13.0	9.0	4.5	10.0;15.0
0.22	10.2	9.5	5.0	7.5	13.0	9.5	5.0	10.0	10.2	9.5	5.0	7.5	13.0	9.5	5.0	10.0;15.0
0.33	10.2	8.0	5.0	7.5	13.0	10.0	5.0	10.0	11.0	11.5	5.5	7.5	13.0	10.0	5.0	10.0;15.0
0.47	10.2	9.0	5.5	7.5	13.0	10.0	5.0	10.0	11.0	12.0	6.5	7.5	13.0	11.0	6.0	10.0;15.0
0.68	10.2	9.5	6.0	7.5	13.0	10.0	5.0	10.0	11.0	12.0	7.5	7.5	13.0	12.0	7.0	10.0;15.0
1.0	10.2	11.0	7.0	7.5	13.0	10.5	5.5	10.0	11.0	13.5	8.5	7.5	13.0	13.5	8.0	10.0;15.0
2.2	11.0	13.0	7.0	7.5	13.0	12.0	6.5	10.0					18.0	14.5	8.0	10.0;15.0
3.3	11.0	14.0	8.0	7.5	13.0	13.0	7.5	10.0								
4.7						13.0	14.5	8.5	10.0							

CL21S-B

Outline Drawing



■ Features

Structure :Adopting metal stacked technology. Epoxy resin as dip sealed , plastic case as external package .

Feature : Good self-heating, high capacitance rate ,low loss, high resistance current strike rate , high reliability . Available for automatic insertion .

Uses:Apply to DC and pulse circuits of electronic equipment .

According to user's need , capacitor of nonstandard and special specification can be produced .

■ Specifications

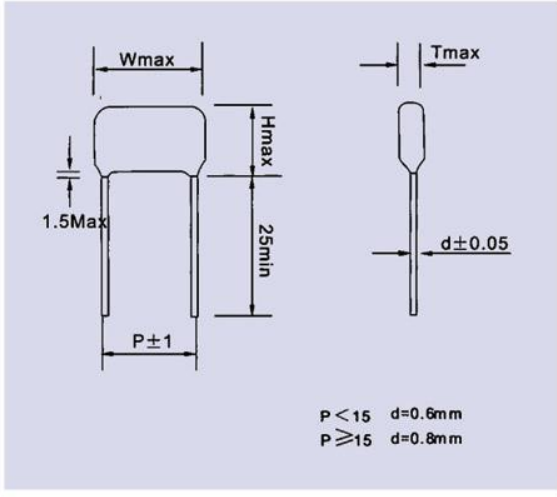
Items	Characteristis
Standard	Q/3201GDJU072-2002
Climatic Category	55/85/21
Rated Voltage	50V/63V, 100V
Capacitance Range	0.001μF - 1.0μF
Capacitance Tolerance	±5%(J); ±10%(K); ±20%(M);
Withstand Voltage	1.6U_R, 2S
Insulation Resistance	≥15000MΩ C ≤0.33μF ≥15000S C >0.33μF
Dissipation Factor	≤0.008 (1KHz); ≤0.015 (10KHz)

TYPE CL21S-B METALLIZED POLYESTER FILM CAPACITOR WITH PLASTIC SEALED

■ Dimensions (mm)

Cap (μF)	50V/63V					100V				
	W	H	T	P	d	W	H	T	P	d
0.0010	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.0012	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.0015	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.0018	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.0022	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.0027	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.0033	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.0039	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.0047	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.0056	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.0068	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.0082	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.010	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.012	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.015	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.018	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.022	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.033	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.039	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.047	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.056	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
0.068	7.2	6.5	2.5	5.0	0.5	7.2	6.5	2.5	5.0	0.5
	7.2	6.5	3.0	5.0	0.5	7.2	6.5	3.0	5.0	0.5
0.082	7.2	6.5	2.5	5.0	0.5	7.2	6.5	3.0	5.0	0.5
	7.2	6.5	3.0	5.0	0.5					
0.10	7.2	6.5	2.5	5.0	0.5	7.2	8.5	3.5	5.0	0.5
	7.2	6.5	3.0	5.0	0.5					
0.12	7.2	6.5	2.5	5.0	0.5	7.2	9.5	4.5	5.0	0.5
	7.2	6.5	3.0	5.0	0.5					
0.15	7.2	6.5	3.0	5.0	0.5	7.2	9.5	4.5	5.0	0.5
0.18	7.2	6.5	3.0	5.0	0.5	7.2	10.0	5.0	5.0	0.5
0.22	7.2	6.5	3.0	5.0	0.5	7.2	10.0	5.0	5.0	0.5
0.27	7.2	8.5	3.5	5.0	0.5	7.2	11.0	6.0	5.0	0.5
0. 33	7.2	8.5	3.5	5.0	0.5	7.2	11.0	6.0	5.0	0.5
0.39	7.2	8.5	3.5	5.0	0.5					
0.47	7.2	9.5	4.5	5.0	0.5					
0.56	7.2	10.0	5.0	5.0	0.5					
0.68	7.2	10.0	5.0	5.0	0.5					
0.82	7.2	11.0	6.0	5.0	0.5					
1.0	7.2	11.0	6.0	5.0	0.5					

CL21 METALLIZED POLYESTER FILM DC CAPACITOR



■ Features

CL21 is constructed with metalized polyester film as medium and electricode, out warped and sealed by flame-retardant dielectric, with high reliability, high temperature-resistance,small cubage, large capacity and good self-heating property.
Largely used in color TV, program-controled exchange machine, computer, telephone. fax and the instrumental circuit for the purpose of DC, impulse and AC at low voltage.

■ Specifications (IEC384-2 GB7335-87)

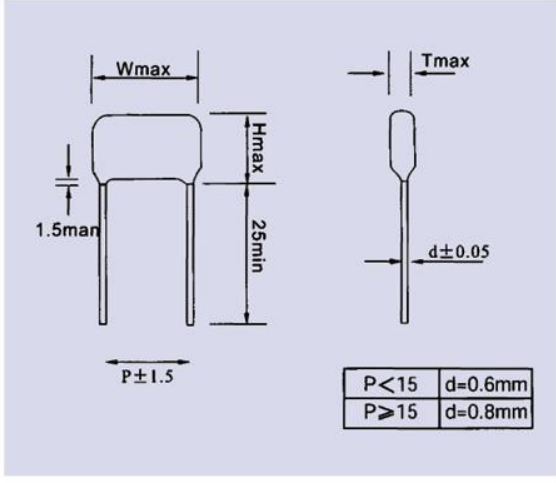
1. Operating Temperature -40℃～+105℃
2. Capacitance Range 10nF～22μF
3. Capacitance Tolerance J（±5%）; K（±10%）
4. Rated Voltage 50/63V,100/160V,250V,400V,630VDC
5. Withstand Voltage 1.6UR 2S (1.5 UR 5S)
6. Disspation Factor ≤1.0%（20℃ 1KHZ）
7. Insulation Resistance C≤0.33μF; UR≤100V(10V)≥7500MΩ
   UR＞100V ≥15000MΩ
   C＞0.33μF; UR≤100V(10V)≥2500S
   UR＞100V ≥5000S

■ Dimensions

R.V(V)	50/63VDC				100/160VDC				250VDC				400VDC				630VDC			
Cap(μF)	P	W	T	H	P	W	T	H	P	W	T	H	P	W	T	H	P	W	T	H
0.01	5	7.3	5	7.0	7.5	11	4.8	8.0	7.5	11	4.8	8.0	7.5	11	4.8	8.0	7.5	11	5.2	8.3
0.015	5	7.3	5	7.5	7.5	11	4.8	8.0	7.5	11	4.8	8.0	7.5	11	4.8	8.0	7.5	11	5.1	8.4
0.022	5	7.3	5	7.5	7.5	11	4.8	8.1	7.5	11	4.8	8.1	7.5	11	4.8	8.1	7.5	11	5.1	9
0.033	5	7.3	5	7.5	7.5	11	4.8	8.1	7.5	11	4.8	8.1	7.5	11	4.8	8.1	10	13	4.8	11.2
0.047	5	7.3	5	7.5	7.5	11	5.2	8.7	7.5	11	4.6	8.7	7.5	11	5.4	9.1	10	13	6.3	11
0.068	5	7.3	5	8	7.5	11	5.2	8.6	7.5	11	4.9	9	7.5	11	6.3	9.5	10	13	7.3	12
0.1	5	7.3	5.5	8.5	7.5	11	4.7	8.8	7.5	11	5.7	9.9	10	13	5.7	12.1	15	18	5.7	12.1
0.15	7.5	11	4.6	8.8	7.5	11	5.2	9.4	10	13	6.1	11	15	18	5.2	11.6	15	18	7.2	13.5
0.22	7.5	11	4.7	8.9	7.5	11	5.4	9.6	10	13	7.3	12.2	15	18	5.9	12.4	15	18	8.6	14.7
0.33	7.5	11	5.7	9.7	10	13	6.6	11.5	15	18	6.4	11.4	15	18	7.2	13.6	20	23	7.8	15.7
0.47	7.5	11	5.4	9.6	10	13	6.7	11.7	15	18	7.5	12.4	15	18	8.7	15.1	20	23	9.3	17.2
0.68	10	13	6.3	11.5	15	18	6.1	12.7	15	18	8.9	13.9	20	23	8.1	16.1	20	23	11.6	19.5
1.0	15	18	5.2	11.7	15	18	7.4	13.9	15	18	10.8	15.7	20	23	9.8	17.8	27.5	31	11.1	20.5
1.5	15	18	6.1	12.7	15	18	9.1	15.2	20	23	10.1	16.6	22.5	26	10.9	18.9	27.5	31	13.7	23.2
2.2	20	23	6.3	12.8	20	23	9	15.5	22.5	26	10.5	18.5	27.5	31	11.5	20.6	31	35	12.9	21.8
3.3	15	18	8.7	16.8	20	23	10.4	18.5	22.5	26	13	21.1	27.5	31	14.3	23.8	27.5	31	19.1	28.5
4.7	20	23	8.6	16.8	22.5	26	10.7	20.4	27.5	31	13.5	23.5	27.5	31	17.3	26.9				
6.8	20	23	9.9	19.6	27.5	31	11.2	21.5	27.5	31	16.7	26.3								
10	22.5	26	11.3	21	27.5	31	14.8	24.4	31	35	18.9	28.5								
15	31	35	11.5	21.2	31	35	16.9	26												
22	31	35	14.4	24	31	35	17.6	27.4												

■ Features

CBB21 is Constructed with metalized polypropylene film as medium and electricode. Unidirectionally drawn out & sealed with flame-retardant dielecric. High reliabililty, low losses. Self-heating property. Mainly used in electric circuit of various electrical equipment, can be used in DC impulse and pulsation as well as for AC voltage reduction.



■ Specifications

(IEC384-16 GB10191-88 SJ/T10353-93)

1、Operating Temperature -55°C~+100°C

2、Capacitance Range 10nF~4.7μF

3、Capacitance Tolerance J(±5%),K(±10%)

4、Rated Voltage 250V,400V,630V,1000V,1250V(DC)

5、Withstand Voltage $1.7U_R$ 2S ($1.5\ U_R$ 5S)

6、Dissipation Factor ≤0.1%(20°C 1KHZ)

7、Insulation Resistance C≤0.33 μF ≥50000MΩ
C>0.33 μF ≥15000S

■ Dimensions

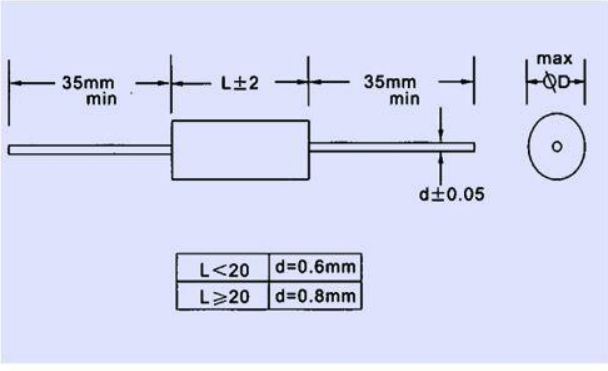
R.V(V)	250VDC				400VDC				630VDC				1000VDC				1250VDC			
Cap(μF)	P	W	T	H	P	W	T	H	P	W	T	H	P	W	T	H	P	W	T	H
0.001																	7.5	11	5.1	7.7
0.0015																	7.5	11	5.1	7.7
0.0022																	10	13	4.9	8.2
0.0033													7.5	11	4.5	7.8	7.5	11	5.7	9.1
0.0047													7.5	11	5.5	9.1	10	13	5.2	9.6
0.0068									7.5	11	5.2	8.9	10	13	5.1	9.9	10	13	5.4	11.8
0.01									7.5	11	5.1	9	10	13	6.6	10.9	15	18	4.8	11.2
0.015									7.5	11	4.8	8.9	15	18	4.8	11.2	15	18	5.6	12
0.022					7.5	11	4.8	8	7.5	11	6	9.1	15	18	5.6	12.1	15	18	7.6	13.4
0.033	7.5	11	4.8	8.1	7.5	11	5.5	8.8	10	13	6	10.7	15	18	7.6	13.5	15	18	8.5	15.8
0.047	10	13	4.9	9	10	13	5.6	9.7	15	18	5.2	10	20	23	6.1	14.2	22.5	26	6.7	14.7
0.068	17.3	10	23	20	15.4	7.4	23	20	10.9	6.2	18	15	10.6	6.6	13	10	10.3	5.3	13	10
0.068	10	13	6.3	11.2	10	13	7.7	11.8	15	18	6.6	13	20	23	9.9	17.4	22.5	26	10.2	19.2
0.15	15	18	5.7	10.6	15	18	6.6	11.4	15	18	7.4	15.4	22.5	26	10.4	19.4	27.5	31	11.6	20.5
0.22	20	23	5.7	10.6	20	23	6.7	11.5	22.5	26	6.8	14.8	27.5	31	11.5	20.6	31	35	12.9	21.8
0.33	20	23	6.3	12.7	20	23	7.4	13.8	22.5	26	8.2	16.2	31	35	13	22.1	31	35	15.9	24.7
0.47	15	18	8.7	15.2	15	18	10.5	16.9	22.5	26	9.3	18.9	31	35	15.6	24.7	31	35	19.1	27.9
0.68	20	23	8.6	15.1	20	23	9.8	17.8	22.5	26	11.4	20.8	31	35	18.9	28				
1.0	27.5	31	8.2	16.3	27.5	31	9.9	17.9	31	35	11.7	21.1								
1.5	27.5	31	10	18.1	27.5	31	11.5	21.1	31	35	14.4	23.9								
2.2	27.5	31	11.6	21.2	27.5	31	14.1	23.7	31	35	17.7	27.2								
3.3	27.5	31	14.4	24	27.5	31	17.6	27.1												
4.7	27.5	31	17.4	27																

CL19 METALLIZED POLYESTER FILM FLAX AXES DC CAPACITOR

■ Features

CL19 is constructed with metalized polyester film as medium and electricode, wrapped and sealed with flame-retardant plastic and epoxy resin, with high reliability, high temperature-resistance, small volum, large capacity and good self-heating property.

Mainly used in instruments and the DC & AC circuit of the household equipment and the frequency circuit of acoustics system.



L<20	d=0.6mm
L≥20	d=0.8mm

■ Specifications (IEC384-2 GB7335-87)

1. Operating Temperature -40℃～+105℃
2. Capacitance Range 10nF～33μF
3. Capacitance Tolerance J（±5%）; K（±10%）
4. Rated Voltage 50/63V,100/160V,250V,400V,630V(DC)
5. Withstand Voltage 1.6UR 2S(1.5 UR 5S)
6. Dissipation Factor C≤1 μF ≤0.013 10KHz
   1μF<C≤10μF ≤0.008 1KHz
   C>10μF ≤0.010 1KHz
7. Insulation Resistance C≤0.33μF UR≤100V(10V) ≥7500MΩ
   UR>100V ≥15000MΩ
   C>0.33μF UR≤100V(10V) ≥2500S
   UR>100V(10V) ≥5000S

■ Dimensions

R.V(V)	50/63VDC		100/160VDC		250VDC		400VDC		630VDC	
Cap(μF)	L	D	L	D	L	D	L	D	L	D
0.01									13	5.7
									15	5.6
0.015									13	5.7
									15	5.7
0.022									13	6.5
									15	6.1
0.033									13	6.9
									15	6.2
0.047							13	6	15	7.5
									20	5.9
0.068					13	5.8	13	6.8	15	8.6
							15	6.5	20	6.5
0.1					13	6.7	15	7.4	20	7.8
					15	6.3	20	6	25	6.6
0.15			13	6.2	13	7.9	20	6.9	20	8.6
			15	5.8	15	7.4	25	6	25	7.7
									28	7.1
0.22			13	7.1	15	8.6	20	7.9	25	9
			15	6.8	20	6.7	25	6.8	28	8.4
0.33	13	6.6	15	7.9	20	7.9	20	9.3	25	10.3
	15	5.8	20	6.2	25	6.7	25	7.9	28	9.8
0.47	15	6.8	15	9.1	20	9	20	10.7	25	12.3
			20	7.1	25	7.6	25	9.1	28	11.3
							28	8.4		
0.68	15	7.6	20	8.1	20	10.5	25	10.6	25	14.4
	20	6.2	25	7	25	8.9	28	9.8	28	13.3
					28	8.3			32	12.2
1.0	20	6.8	20	9.5	20	12.4	25	12.5	32	14.4

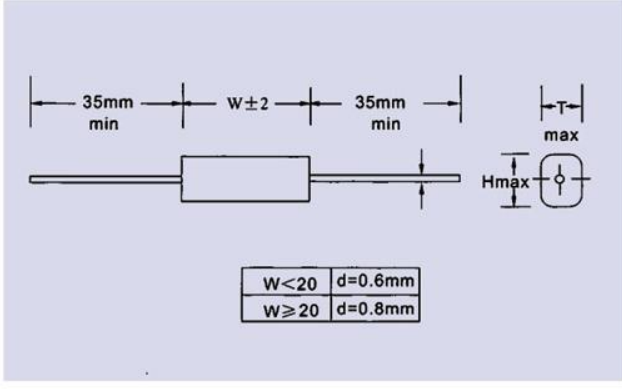
R.V(V)	50/63VDC		100/160VDC		250VDC		400VDC		630VDC	
Cap(μF)	L	D	L	D	L	D	L	D	L	D
1.0	25	6.2	25	8	25	10.4	28	11.6		
					28	9.6	32	10.6		
1.5	20	8.3	20	11.3	25	12.4	28	13.8	32	17.3
	25	7.2	25	9.5	28	11.4	32	12.6	36	16.2
	28	6.8								
2.2	20	9.7	20	13.4	25	14.7	32	15	32	20.7
	25	8.4	25	11.1	28	13.5	36	14	36	19.3
	28	7.8	28	10.4	32	12.4				
3.3	25	9.9	25	13.4	32	14.8	32	18.1	32	23.6
	28	9.3	28	12.3	36	13.8	36	16.8	36	21
			36	12.4						
4.7	28	10.8	28	14.5	32	17.4	36	19.8	36	25.9
	32	9.7	32	13.3	36	16.2	46	17	46	22.2
			36	12.4						
6.8	28	12.6	32	18.7	32	20.8	36	23.5	46	26.4
	32	11.3	36	14.6	36	19.3	46	19.2	56	24.5
			46	12.8	46	16.5	56	18		
10	32	135	36	17.6	36	23	46	24.2	56	28.2
	36	12.8	46	15	46	19.8	56	21.5		
15	32	16.4	36	20.9	46	23.9	56	26.1		
	36	15.3	46	18	56	21.3				
			56	16.1						
22	32	19.5	36	25.1	46	28.7				
	36	18.4	46	21.6	56	25.6				
			56	19.2						
33	46	19.2	46	26.1						
	56	17.3	56	23.3						

CL20 METALLIZED POLYESTER FILM FLAX AXES CAPACITOR

■ Features

CL 20 is constructed with metalized polyester film as medium and electricode, wrapped and sealed with flame-retardant plastic and epoxy resin, with high reliability, high temperature-resistance, small volum, large capacity and good self-heating property.

Mainly used in instruments and the DC & AC circuit of the household equipment and the frequency circuit of acoustics system.



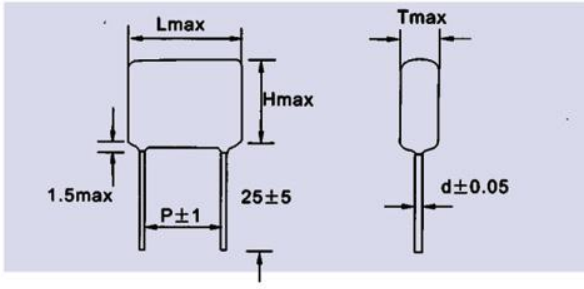
■ Specifications (IEC384-2 GB7335-87)

1. Operating Temperature: −40℃～+105℃
2. Capacitance Range: 10nF～33μF
3. Capacitance Tolerance: J（±5%）；K（±10%）
4. Rated Voltage: 50/63V, 100/160V, 250V, 400V, 630V (DC)
5. Withstand Voltage: 1.6UR 2S (1.5 UR 5S)
6. Dissipation Factor:
   - C≤1 μF: ≤0.013 10KHz
   - 1μF<C≤10μF: ≤0.008 1KHz
   - C>10μF: ≤0.010 1KHz
7. Insulation Resistance:
   - C≤0.33 μF: UR≤100V (10V) ≥7500MΩ
   - C≤0.33 μF: UR>100V ≥15000MΩ
   - C>0.33 μF: UR≤100V (10V) ≥2500S
   - C>0.33 μF: UR>100V (10V) ≥5000S

■外形尺寸 Dimensions

R.V(V)	50/63VDC			100/160VDC			250VDC			400VDC			630VDC		
Cap(μF)	W	T	H	W	T	H	W	T	H	W	T	H	W	T	H
0.01													13	3.7	6.2
0.015													13	3.5	6.8
0.022													13	3.4	6.8
0.033										13	3.2	6	13	3.5	7.6
0.047							13	3.2	6.8	13	3.5	7.1	13	4.2	5.6
0.068							13	3.4	7	13	4.6	7.4	15	5.2	9.6
0.1				13	3.3	6.2	13	4.1	7.8	15	4.1	10.1	15	5.4	9.7
0.15				13	3.8	7.5	15	4.5	8.9	20	3.5	9.4	20	5	10.9
0.22	13	3.1	6.8	15	4.5	8.5	15	5.6	10	20	4.4	10.3	20	6.2	12.3
0.33	13	3.9	7.5	15	5.2	9.6	20	4.7	9.2	20	5.6	11.6	25	5.7	13.3
0.47	13	3.8	6.8	20	3.8	9.8	20	28	10.2	20	7	12.9	25	7.1	14.6
0.68	15	4.5	9	20	4.7	10.7	20	7.2	11.2	25	6.3	13.8	25	9	16.5
1.0	20	3.5	9.6	20	6	12	20	9	13.4	25	8	15.8	32	8.4	17.5
1.5	25	4	8.5	25	6.6	10.7	28	7.5	13.4	32	8.1	15.6	36	9.8	18.8
2.2	20	5.6	11.7	20	10.5	14.9	25	9.8	17.3	32	9.6	18.7	32	13.8	22.8
3.3	20	6.7	14.3	25	9	16.6	28	10.6	19.7	32	12.4	21.4	32	17.6	26.6
4.7	25	6.7	14.3	28	8.8	18	32	11.6	20.8	46	11.3	20.4	46	16.2	25.2
6.8	25	7.8	17	32	10.5	19.6	32	14.6	23.7	46	14.3	23.3			
10	28	9.1	18.3	32	13.4	22.5	36	16.7	25.8	46	18	27.1			
15	32	10.2	19.3	32	17.1	26.3	46	17.5	26.6	56	19.8	28.8			
22	32	12.9	22.1	46	15.1	24.2									
33	56	10.8	20	56	16.6	25.7									

CBB18 POLYPROPYLENE FILM FOIL CAPACITOR



¥Structure:Adopting Polypropylene film as dielectric, AL foil as electrod and foil exposed construction, Flame retardant epoxy resin coating.

¥Feature:Excellent frequency and temperature charecteristics,low loss at high frequency,good reliability,excenllent stability.

¥Uses:Most suitable for high frequency,large current circuit and S-corretion circuit in monitor and TV sets. According to userÕs need,capacitor of nonstandard and specification can be produced.

Characteristics

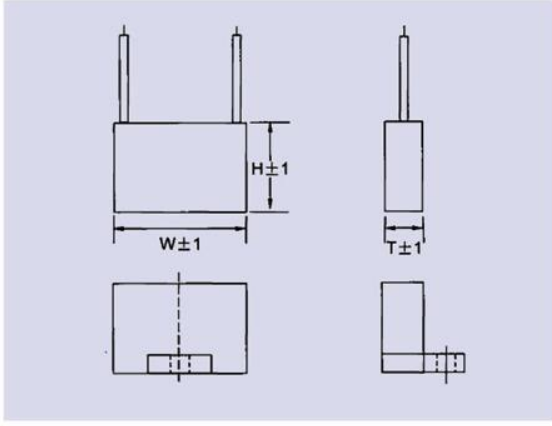
Technical Specifications	(GB/T10188-88 IEC384-13)			
Operating Temperature	-55ûC~+100ûC			
Capacitance Range	1nF~2.2μF			
Capacitance Tolerance	J(±5%),K(±10%)			
Rated Voltage	250V,4000V,630V,1000VDC			
Withstand voltage	$2U_R$2S	$1.5U_R$	60S	
Dissipation factor	²0.0015	10KHz		
Insulation Resistance	³30000M½			
Weather category	40/100/21			
Endure weld head	Max2S at270ûC			
Lead diameter	L<15	0.6mm	L³16	0.8mm
Production lead space	L=12	7.6mm	L=14	10mm
	L=19	15mm	L=27	22.5mm
	L=32	27.5mm	L=36	31mm

Dimensions

CAP		250VDC			400VDC			630VDC			1000VDC		
CODE	μF	L	H	T	L	H	T	L	H	T	L	H	T
102	0.001										12	8.0	5
152	0.0015										12	8.4	5.2
222	0.0022										12	9.4	5.2
332	0.0033										12	10.1	5.9
472	0.0047							12	9.3	5.1	14	10.8	5.8
682	0.0068				12	9.2	5	12	11.1	5.3	14	11.6	6.6
103	0.01	12	9	4.8	12	9.9	5.7	14	10.7	5.7	19	11.2	6.2
153	0.015	12	9.8	5.5	14	10.2	6	14	11.7	6.7	19	12.3	7.3
223	0.022	12	12.3	7.3	14	11.7	6.7	14	12.9	7.9	19	14.5	7.9
333	0.033	14	11.4	6.4	14	12.9	7.9	19	12.4	7.4	19	16.1	9.5
473	0.047	14	12.5	7.5	19	12.2	7.2	19	14.6	8	27	16.2	8
683	0.068	19	12.9	5.4	19	14.5	7.9	19	17	8.9	27	17.6	9.4
104	0.1	15	16.4	6.5	19	17.1	8.9	27	16.2	8	27	20.5	10.7
154	0.15	19	17.5	8.1	27	16.3	8	27	17.9	9.6	32	21.4	11.5
224	0.22	19	19.6	9.9	27	17.9	9.6	27	20.8	11	32	23.8	13.9
334	0.33	27	18.6	8.6	27	21	11.2	32	21.7	11.8	36	25.4	15.5
474	0.47	27	20.3	10.5	32	21.6	11.7	32	24.1	14.1	36	28.5	18.6
684	0.68	32	21	11.1	32	24	14.1	36	25.4	15.5			
105	1	32	23.4	13.5	32	27.1	17.2	36	28.8	19			
155	1.5	36	25	15.1	36	29.2	19.3						
225	2.2	36	28.4	18.5									

OEM & ODM WELCOME

CBB61 METALLIZED POLYPROPYLENE FILM CAPACITOR FOR AC MOTOR



■ Features

This is constructed from metallized polypropylene film dielectric, non-induc ive construction.

Encapsulated in non-combustion ABS case, flame retardant epoxy resin sealed.

Very low dissipation factor and small inside temperature rise, Excellent self-heating property.

High stability of capacitance and insulation resistance.

Leads on request , soldering terminal , plastic coated copper wire and CP wire are available.

Suitable for starting and running for monophase motors with power supply AC 50/60Hz, for example air-conditioner, various fan and exhaust fan etc ,else suitable for various AC power supply purpose.

■ Specifications (mm)

Reference Standard	GB3667-1997
Climatic Category	25/70/21
Rated Voltage	500V,50Hz/60Hz
Capacitance Range	1- 6.0μF
Capacitance Tolerance	J(±5%), K(±10%)
Voltage Proof	$2.0U_R$(2s)
Insulation Resistance	≥3000MΩ•μF (20 ℃, 1min)
Dissipation Factor	≤0.002 (20 ℃, 1KHz)

■ Dimensions

Cap (μF)	W	H	T
1.0	32	21	12
1.2	32	21	13
1.5	32	21.5	15
2.0	32	26	16.5
2.5	38	27	17
3.0	38	28	18
3.5	38	30	20
4.0	46	28.5	18
5.0	46	31	20
6.0	46	33	22

X2 METALLIZED POLYPROPYLENE CAPACITOR

MPX Polyropylene film dielectric with vacum evaporated metal electrodes,radial leads of tinned wire are electrically welded to the contact metal layer of the ends of the ends of capacitor winding,encapsulated in reinforced flameresistant plastic case sealed with expoxy resin meeting the requirement of UL 94V-O for using in LINE-BY-PASS,Antenna coupling,Across-The-Line and(Spark Killer circuit). also available for FMI filter and Switching power supply application.

FEATURES High stability of capacitance and DF wide temperature and frequency range.
High current endurance and high dielectric strength.
Real long-term stability.

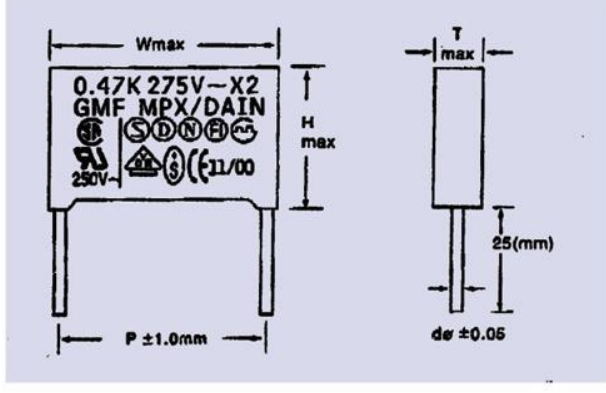
SPECIFICATION

1.Operating Temperatuer -40ûC~+100ûC
2.Capacitance Range 0.001μF~1.0μF
3.Capacitance tolerance K(±10%)for C³0.01
M(±20%)for C²0.01(P=10mm)
4.Work Voltage 250VAC for UL,CSA.
275VAC for VDE,SEV,SEMKO,NEMKO.
DEMKO,FIMKO,CE,CCEE.
5.Dissipation Factor 0.1%Max,at 1KHz and 25ûC
6.Insulation Resistance 9000M½ for C<0.33μF
3000M½,μF for C>0.33μF

APPROVAL,STANDARD AND FILE NO.

RELATED STANDARD		Certificate NO.	Approved Monogram	
UL	UL1414.UL1283	E14776		(USA)
CSA	CSA C22.2 NO,1	LR98611-5		(Canada)
VDE	EN132400(VDE05651-1)IEC 384-14	94719		Germany)
SEV	EN132 400:1994/IEC 384-14	97.5 50184.01		(Switzerland)
SEMKO	EN132 400:1994/IEC384/14	9645216/01		(Sweden)
DEMKO	EN132 400:1994/IEC384/14	306129		(Denmark)
FIMKO	EN132 400:1994/IEC384-14	192178-01		(Finland)
NEMKO	EN132 400:1994/IEC384-14	P96101063		(Norway)
CE	EN132 400:1994/IEC384-14	P96101063	CE	(EEC)
COFF	GB/T14472/1998	CH0051627-2000		(China)

OUTLINE DRAWING



DIMENSIONS (UNIT:MM)=1mm

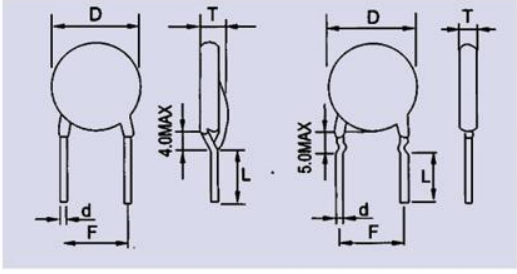
CODE	MFD	VAC	W	H	T	P	d
102-103	0.001-0.01	250/275	13.0	11.0	5.0	10.0	0.6
103	0.01	250/275	18.0	11.0	5.0	15.0	0.8
123	0.012	250/275	18.0	11.0	5.0	15.0	0.8
153	0.015	250/275	18.0	11.0	5.0	15.0	0.8
183	0.018	250/275	18.0	11.0	5.0	15.0	0.8
223	0.022	250/275	18.0	11.0	5.0	15.0	0.8
273	0.027	250/275	18.0	11.0	5.0	15.0	0.8
333	0.033	250/275	18.0	11.0	5.0	15.0	0.8
393	0.039	250/275	18.0	11.0	5.0	15.0	0.8
473	0.047	250/275	18.0	11.0	5.0	15.0	0.8
563	0.056	250/275	18.0	11.0	5.0	15.0	0.8
683	0.068	250/275	18.0	11.0	5.0	15.0	0.8
823	0.082	250/275	18.0	12.0	6.0	15.0	0.8
104	0.1	250/275	18.0	12.0	6.0	15.0	0.8
124	0.12	250/275	18.0	13.5	7.5	15.0	0.8
154	0.15	250/275	18.0	14.5	8.5	15.0	0.8
224	0.22	250/275	18.0	15.5	9.5	15.0	0.8
224	0.22	250/275	26.5	16.5	7.0	22.5	0.8
274	0.27	250/275	26.5	17.0	8.5	22.5	0.8
334	0.33	250/275	26.5	17.0	8.5	22.5	0.8
394	0.39	250/275	26.5	19.0	10.0	22.5	0.8
474	0.47	250/275	26.5	19.0	10.0	22.5	0.8
564	0.56	250/275	32.0	20.0	11.0	27.5	0.8
684	0.68	250/275	32.0	20.0	11.0	27.5	0.8
824	0.82	250/275	32.0	22.0	13.0	27.5	0.8
105	1.0	250/275	32.0	22.0	13.0	27.5	0.8

■ How to Order

JN	09	E	102	M	Y	7	2
Type	Dia. Code	Dielectric	Capacitance	Tolerance	Lead Style	Lead Spacing	Lead Length
JN: Class X1,Y1(CT7) JY: Class X1,Y2(CT7) JR: Class X1,Y2		B：Y5P E：Y5U F：Y5V R：X7R C：C0G	100 :10pF 5R1 :5.1pF 102 :1000pF 222 :2200pF 103 :10000pF	C: ±0.25pF J: ±5% K: ±10% M: ±20%	Lead Code: Y Lead Code: K	0: 10 mm 1: 12.5 mm 5: 5 mm 7: 7.5 mm	2:25 mm min 5:5±1mm 8:8±1mm ※ T:Taping/ammo ※ R:Taping/Reel

■ Lead and Dimension(Unit:mm)

Lead Code Y　　Lead Code K



※	Taping Type	Pitch Of Component (Hole)
T1	Ammo	12.7 mm
T2	Ammo	25.4mm
R1	Reel	12.7mm
R2	Reel	25.4mm
R9	Reel	19.5 mm

■ Approval Standard and Recognized No.

Certificated Body	Related Standard	Certificate Number	AC Rated Voltage
UL	UL 1414	E201384	JN Type: C1aSS X1: 440VAC Y1: 250VAC UL ,CSA:250VAC JY Type: C1ass X1 : 400VAC Y2 : 250VAC UL , CSA: 250VAC JR Type: C1ass X1: 400VAC Y2 : 250VAC UL , CSA : 250VAC
CSA	C22 2 NO1	LR 113866-3	
FIMKO	ENI32400 1994 1EC384—14 2nd Edition(1993) (1EC60384 —14 2nd Ed) Reinforced Body Insolation/ 0. 4mm min Approved by VDE (Type JN,JY)	F1 13328 F1 16191	
DEMKO		DK99-02340 310369-01	
SEMKO		9924072/01-04 0101134/01-02	
NEMKO		P99101467 P01100031	
SEV		99, 770382,01 01, 0311	
VDE		122699 122120 133894	
CHINA		CH0061234-2001 CH0061235-2001	

■ Specification

Characteristics	Type JN JN	Type JY JY	Type JR JR
Capacitance Range	100pF to 4700pF	100pF to 10000pF	5. 1pF to 1500pF
Operating Temperature Range	-25℃ to 125℃	Y5P, Y5V: -25℃ to 85℃ Y5U: -25℃ to 125℃	-55℃ to 125℃
Rated Voltage	X1:440VAC Y1: 250VAC	X1:400VAC, Y2:250VAC	X1:400VAC, Y2:250VAC
Dielectric With Standing Volt.	4000VAC for 1 minute	2600VAC for 1minute	2600VAC for 1 minute
Capacitance	With the tolerance at 1KHz±20% (Y5P, Y5U, Y5V, X7R), 1MHz±20% (C0G), 1Vrms and 25℃		
Dissipation Factor (tanδ)	tan δ≤2. 5% for char. Y5P, Y5U, Y5V, X7R when measured at 1KHz±20% 1Vrms and 25℃ Quality Factor≥600 for char. C0G when measured at 1MHz±20% 1Vrms and 25℃		
Insulation Resistance	10, 000 MΩ min. at 500VDC		

■ JN Type–ClassX1 , Y1

Part Number	Temp.Char.	Cap.(pF)	Cap.Tol.	D(Max.mm)	F(mm)	T(Max.mm)	Φ d(mm)
JN09B101KYO	B (Y5P) ±10%	100	±10%	9.0	10	8	0.65±0.05
JN09B151KYO		150					
JN09B221KYO		220					
JN09B331KYO		330					
JN09B471KYO		470					
JN09B681KYO		680		10.0			
JN09E102KYO	E (Y5U) +20% −55%	1000	±20%	9.0			
JN09E152KYO		1500		11.0			
JN09E222KYO		2200		12.0			
JN09E232KYO		3300		14.0			
JN09E392KYO		3900		15.0			
JN09E472KYO		4700		16.0			

■ JY Type–ClassX1 , Y2

Part Number	Temp.Char.	Cap.(pF)	Cap.Tol.	D(Max.mm)	F(mm)	T(Max.mm)	Φ d(mm)
JY08B101K	B (Y5P) ±10%	100	±10%	8.0	7.5	8	0.65 ± 0.05
JY08B151K		150					
JY08B221K		220					
JY08B331K		330					
JY08B471K		470					
JY09B561K		560		9.0			
JY09B681K		680		9.0			
JY10B102K		1000		10.0			
JY08E102M	E (Y5U) +20% −55%	1000	±20%	8.0			
JY09E152M		1500		9.0			
JY10E222M		2200		10.0			
JY11E252M		2500		11.0			
JY12E332M		3300		12.0			
JY13E392M		3900		13.0			
JY14E472M		4700		14.0			
JY08F102M	F (Y5V) +30% −80%	1000	±20%	8.0			
JY08F152M		1500		9.0			
JY09F222M		2200		9.0			
JY10F332M		3300		10.0			
JY11F392M		3900		11.0			
JY12F472M		4700		12.0			
JY16F103M		10000		16.0	10		

■ JR Type–ClassX1 , Y2

Part Number	Temp.Char.	Cap.(pF)	Cap.Tol.	D(Max.mm)	F(mm)	T(Max.mm)	Φ d(mm)
JR08C100JY	COG	1.0	±5%	8.0	7.5	7	0.65 ± 0.05
JR08B5R1CY	B (Y5P) ± 10%	5.1	±0.25pF				
JR08B100KY		10	±10%				
JR08B150KY		15					
JR08B180KY		18					
JR08B220KY		22					
JR08R101KY	R (X7R) ±15%	100					
JR08R151KY		150					
JR08R221KY		220					
JR08R331KY		330					
JR09R471KY		470		9.0			
JR09R561KY		560		9.5			
JR10R681KY		680		10.0			
JR11R102KY		1000		11.0			
JR14R152KY		1500		14.0	10		

■ Type

Class Ⅰ(CC1,CC81)

Class Ⅱ (CT1,CT81)

Class Ⅲ (CS1)

■ Temperature Characteristics

Class Ⅰ

Cord	CH	PH	RH	UJ	SL
Temp.coeff. (ppm./ ℃)	0 ± 60	-150 ± 60	-220 ± 60	-750 ± 120	+350 ～ -1000

Class Ⅱ

Code	B(Y5P)	E(Z5U)	F(Z5V)
Cap.Change (%)	±10	+22 -56	+22 -82

Class Ⅲ

Code	B(Y5R)	E(Y5U)	F(Y5V)
Change (%)	±15	+22 -56	+22 -82

■ Rated Voltage

Code	1C	1E	1H	2A	2E	2H	3A
Rated Voltage	16VDC	25VDC	50VDC	100VDC	250VDC	500VDC	1KVDC
Code	3D	3F	3G	3J	3K	4A	4C
Rated Voltage	2KVDC	3KVDC	4KVDC	6KVDC	8KVDC	10KVDC	15KVDC

■ Capacitance

Code	Capacitance(pF)
010	1
1R5	1.5
100	10
101	100
102	1000
473	47000
104	100000
224	220000

Code	Cap.Tol
C	± 0.25pF
D	± 0.5pF
J	± 5%
K	± 10%
M	± 20%
S	+50% ～-20%
Z	+80% ～-20%
P	+100% ～-0%

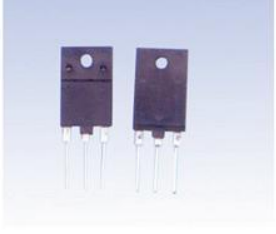
■ Dimensions

Code	05	06	07	08	09	10	11	12	14	16	18	20
D max	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5	14.5	16.5	18.5	20.5

HIGH COUNTER PRESSURE AND HIGH-POWER TRANSISTOR

NO.	Part No.	Polarity	Pcm (w)	Ic (A)	VCBO (V)	VCEO (V)	VEBO (V)	HFE min	HFE max	Package
1	2SC1413	NPN	50	5	1500	600	6	8		TO-3
2	2SC1942	NPN	50	3	1500	600	7	8	30	TO-3
3	2SC2445	NPN	50	5	1500	700	6	8	40	TO-3PFM
4	2SC4706	NPN	130	14	900	600	7	8	30	TO-3P(N)
5	2SC4745	NPN	50	6	1500	800	6	7	30	TO-3P(N)
6	2SC4927	NPN	60	8	1500	1500	6	8	30	TO-3P.FM
7	2SC5047	NPN		25	1600	800		15	25	TO-3P.FM
8	2SC5207A	NPN	60	10	1500	700	6	8	40	TO-3P.FM
9	2SC5250	NPN	60	8	1500	1500	6	8	30	TO-3P.FM
10	2SD820	NPN	50	5	1500	600	5	8	40	TO-3
11	2SD850	NPN	50	4	1500	700	5	8	30	TO-3
12	2SD869	NPN	50	3.5	1500	1500	6	8	30	TO-3
13	2SD870	NPN	50	5	1500	1500	5	8	30	TO-3
14	2SD871	NPN	50	6	1500	1500	5	8	30	TO-3
15	2SD951	NPN	50	4	1500	1500	5	8	30	TO-3
16	2SD1401	NPN	80	3.5	1500	800	5	8	30	TO-3P(N)
17	2SD1402	NPN	120	5	1500	800	7	8	30	TO-3P(N)
18	2SD1403	NPN	120	6	1500	800	7	8	30	TO-3P(N)
19	2SD1425	NPN	80	2.5	1500	1500	5	8	30	TO-3P(H)
20	2SD1426	NPN	80	3.5	1500	1500	5	8	30	TO-3P(H)
21	2SD1427	NPN	80	5	1500	1500	5	8	30	TO-3P(H)
22	2SD1428	NPN	80	6	1500	1500	6	8	30	TO-3P(H)
23	2SD1429	NPN	80	2.5	1500	600	5	8	30	TO-3P(H)
24	2SD1430	NPN	80	3.5	1500	600	5	8	30	TO-3P(H)
25	2SD1431	NPN	80	5	1500	600	5	8	30	TO-3P(H)
26	2SD1432	NPN	80	6	1500	600	6	8		TO-3P(H)
27	2SD1545	NPN	50	5	1500	600	5	8	40	TO-3P(H)(IS)
28	2SD1546	NPN	50	6	1500	600	5	8	40	TO-3P(H)(IS)
29	2SD1547	NPN	50	7	1500	600	5	8	40	TO-3P(H)(IS)
30	2SD1548	NPN	50	10	1500	600	5	8	40	TO-3P(H)(IS)
31	2SD1554	NPN	40	3.5	1500	1500	5	8	30	TO-3P(H)(IS)

NO.	Part No.	Polarity	Pcm (w)	Ic (A)	VCBO (V)	VCEO (V)	VEBO (V)	HFE min	HFE max	Package
32	2SD1555	NPN	50	5	1500	1500	5	8	30	TO-3P(H)(IS)
33	2SD1556	NPN	50	6	1500	1500	5	8	30	TO-3P(H)(IS)
34	2SD1650	NPN	50	3.5	1500	1500	6	8	30	TO-3PML
35	2SD1651	NPN	60	5	1500	1500	6	8	30	TO-3PML
36	2SD1652	NPN	60	6	1500	1500	6	8	30	TO-3PML
37	2SD1710	NPN	50	5	1500	700	6	8	40	TO-3PML
38	2SD1711	NPN	50	5	1500	800	6	8	40	TO-3PML
39	2SD1876	NPN	50	3	1500	1500	6	3		TO-3PML
40	2SD1877	NPN	50	4	1500	1500	6	3.5	10	TO-3PML
41	2SD1878	NPN	60	5	1500	1500	6	5	10	TO-3PML
42	2SD1879	NPN	60	6	1500	1500	6	5		TO-3PML
43	2SD1880	NPN	70	8	1500	1500	6	8	40	TO-3PML
44	2SD1881	NPN	70	10	1500	1500	6	8		TO-3PML
45	2SD1882	NPN	50	3	1500	800	6	3		TO-3PML
46	2SD1883	NPN	50	4	1500	800	6	3.5		TO-3PML
47	2SD1884	NPN	60	5	1500	800	6	5	10	TO-3PML
48	2SD1885	NPN	60	6	1500	800	6	5	10	TO-3PML
49	2SD1886	NPN	70	8	1500	800	6	8		TO-3PML
50	2SD1887	NPN	70	10	1500	700	6	8		TO-3PML
51	2SD1959	NPN	50	10	1400	700	6	8	40	TO-3PFM
52	BU205	NPN	10	2.5	1500	700	5	2	30	TO-3
53	BU208A	NPN	125	5	1500	700	7	2.5	30	TO-3
54	BU208D	NPN	125	5	1500	1500	7	2.5	30	TO-3
55	BU508A	NPN	125	8	1500	700	7	8	30	TO-3P(N)
56	BU508D	NPN	125	8	1500	1500	7	8	30	TO-3P(N)
57	BU2508AF	NPN	45	8	1500	700	6	8	40	TOP-3F
58	BU2508DF	NPN	45	8	1500	1500	6	8	40	TOP-3F
59	BU2520AF	NPN	45	10	1500	800	5	6	30	TOP-3F
60	BU2520DF	NPN	45	10	1500	1500	5	6	30	TOP-3F
61	BUV48A	NPN	150	15	1000		6	5		MT100
62	BUV48C	NPN	120	15	1200	700	6	5		MT100



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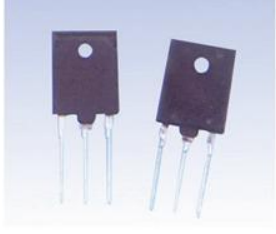

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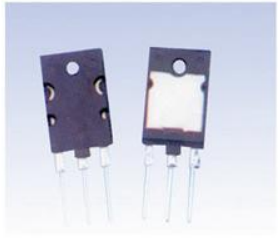
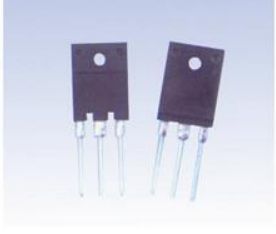


TO-3PH

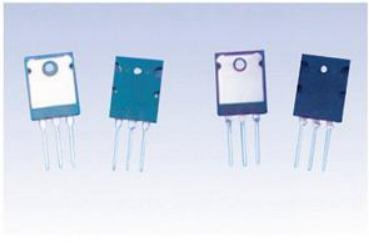


TO-3PML

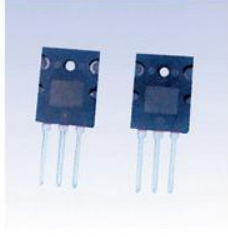
ACOUSTICS MATCHED PAIR TRANSISTOR

NO.	Part No.	Polarity	Pcm (w)	Ic (A)	VCBO (V)	VCEO (V)	VEBO (V)	HFE min	HFE max	Package
1	2SA1186	NPN	100	10	150	150	6	35		TO-3P(N)
2	2SC2837	PNP	100	10	150	150	6	35		TO-3P(N)
3	2SA1216	PNP	200	17	180	180	6	20	80	MT200
4	2SC2922	NPN	200	17	180	180	6	20	80	MT200
5	2SA1295	PNP	200	17	230	230	6	220	80	MT200
6	2SC3264	NPN	200	17	230	230	6	20	80	MT200
7	2SA1301	PNP	120	12	160	160	5	35	160	TO-3PL
8	2SC3280	NPN	120	12	160	160	5	35	160	TO-3PL
9	2SA1302	PNP	150	15	200	200	5	35	160	TO-3PL
10	2SC3281	NPN	150	15	200	200	5	35	160	TO-3PL
11	2SA1494	PNP	150	17	200	200	6	20	80	MT200
12	2SC3858	NPN	150	17	200	200	6	20	80	MT200
13	2SA1694	PNP	80	8	120	120	6	30	150	TO-3P(N)
14	2SC4467	NPN	80	8	120	120	6	30	150	TO-3P(N)
15	2SA1939	PNP	60	6	100	120	6	40		TO-3P(N)
16	2SC5196	NPN	60	6	100	120	6	40		TO-3P(N)
17	2SA1940	PNP	80	8	140	120	5	40		TO-3PN
18	2SC5197	NPN	80	8	140	120	5	40		TO-3PN
19	2SA1941	PNP	100	10	140	140	5	35		TO-3P(N)
20	2SC5198	NPN	100	10	140	140	5	35		TO-3P(N)
21	2SA1943	PNP	150	15	230	230	5	35	160	TO-3PL
22	2SC5200	NPN	150	15	230	230	5	35	160	TO-3PL
23	2SB688	PNP	80	8	120	120	6	40		TO-3P(N)
24	2SD718	NPN	80	8	120	120	6	40		TO-3P(N)

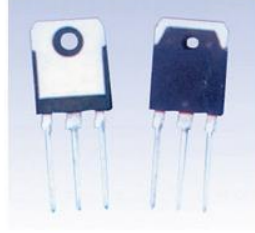
NO.	Part No.	Polarity	Pcm (w)	Ic (A)	VCBO (V)	VCEO (V)	VEBO (V)	HFE min	HFE max	Package
25	2SB817	PNP	100	12	160	140	6	30	140	TO-3P(N)
26	2SD1047	NPN	100	12	160	140	6	30	140	TO-3P(N)
27	2SD2390	NPN	100	10	160	150	5	5K		MT100
28	2SB1560	PNP	100	10	160	150	5	5K		MT100
29	2SD2438	NPN	75	8	160	150	5	5K		FM100
30	2SB1587	PNP	75	8	160	150	5	5K		FM100
31	2SD2439	NPN	80	10	160	150	5	5K		FM100
32	2SB1588	PNP	80	10	160	150	5	5K		FM100
33	2SD2560	NPN	130	15	150	150	5	5K		MT100
34	2SB1647	PNP	130	15	150	150	5	5K		MT100
35	2SD2943	NPN	60	6	110	110	5	5K		MT100
36	2SB1624	PNP	60	6	110	110	5	5K		MT100
37	2N3055	NPN	115	15	100	60	7	20	70	TO-3
38	MJ2955	PNP	115	15	100	60	7	20	70	TO-3
39	2N3773	NPN	150	16	160	140	6	15	60	TO-3
40	2N6690	PNP	150	16	160	140	6	15	60	TO-3
41	MJ15001	NPN	200	15	140	140	6	25	150	TO-3
42	MJ15002	PNP	200	15	140	140	6	25	150	TO-3
43	MJ15003	NPN	200	20	140	140	5	20	150	TO-3
44	MJ15004	PNP	200	20	140	140	5	20	150	TO-3
45	MJ15015	NPN	180	15	200	120	6	20	70	TO-3
46	MJ15016	PNP	180	15	200	120	6	20	70	TO-3
47	TIP3055	NPN	90	15	100	60	7	20	150	TO-3P(N)
48	TIP2955	PNP	90	15	100	60	7	20	150	TO-3P(N)



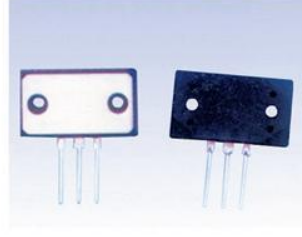
TO-3PL



TO-3PL(G)



MT100

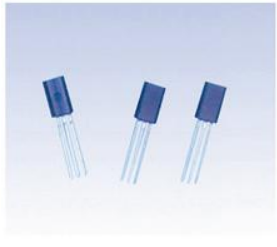


MT200

MONO TRANSISTOR

NO.	Part No.	Polarity	Pcm (w)	Ic (A)	VCBO (V)	VCEO (V)	VEBO (V)	HFE min	HFE max	Package
1	BU406	NPN	60	7	400	200	6	30	120	TO-220
2	BU407	NPN	60	7	330	150	6	30	120	TO-220
3	2N5401	PNP	0.625	0.6	160	150	5	60	320	TO-92
4	2N5551	NPN	0.625	0.6	180	160	6	60	320	TO-92
5	2SC945	NPN	0.25	0.15	60	50	5	70	700	TO-92
6	2SC1815	NPN	0.40	0.15	60	50	6	70	700	TO-92
7	2SA1015	PNP	0.4	0.15	50	50	5	70	700	TO-92
8	2SB1116	PNP	0.75	1	60	50	6	135	600	TO-92
9	2SD1616	NPN	0.75	1	60	50	6	135	600	TO-92
10	3DG8050	NPN	1	1.5	40	25	5	80	300	TO-92
11	3CG8550	PNP	1	1.5	40	25	6	85	300	TO-92
12	3CG9012	PNP	0.625	0.5	40	20	5	40	300	TO-92
13	3DG9013	NPN	0.625	0.5	40	20	5	64	202	TO-92
14	3DG9014	NPN	0.45	0.1	50	45	5	60	1000	TO-92
15	3CG9015	PNP	0.45	0.1	50	45	5	60	600	TO-92
16	3DG9016	NPN	0.4	0.025	30	20	4	28	198	TO-92
17	3DG9018	NPN	0.4	0.05	30	15	5	50	200	TO-92
18	3DD15D	NPN	50	5	300	200	6	20	120	TO-3
19	3DD102C	NPN	80	5	300	200	6	20	120	TO-3
20	MPSA42	NPN	0.625	0.5	300	300	5	40	500	TO-92
21	MPSA92	PNP	0.625	0.5	300	300	5	40	500	TO-92

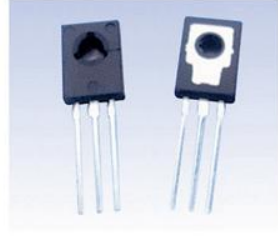
TO-92S



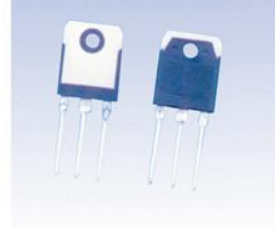
TO-92MOD

MATCHED PAIRTRANSISTOR

NO.	Part No.	Polarity	Pcm (w)	Ic (A)	VCBO (V)	VCEO (V)	VEBO (V)	HFE min	HFE max	Package
1	2SC2073	NPN	15	1.5	150	150	5	40	150	TO-220
2	2SA940	PNP	15	1.5	150	150	5	40	150	TO-220
3	2SB772	PNP	10	3	40	30	6	60	400	TO-126
4	2SD882	NPN	10	3	40	30	6	60	400	TO-126
5	2SD313	NPN	30	3	60	60	5	40	320	TO-220
6	2SB507	PNP	30	3	60	60	5	40	320	TO-220
7	2SD880	NPN	30	3	60	60	7	50	300	TO-220
8	2SB834	PNP	30	3	60	60	7	50	30	TO-220
9	2SB647	PNP	0.9	1	120	80	5	60	320	TO-92MOD
10	2SD667	NPN	0.9	1	120	80	5	60	320	TO-92MOD
11	2SB649	PNP	1	1.5	180	120	5	40	250	TO-126
12	2SD669	NPN	1	1.5	180	120	5	40	250	TO-126
13	BD139	NPN	12	1	80	80	5	40	320	TO-126
14	BD140	PNP	12	1	80	80	5	40	320	TO-126
15	TIP41	NPN	65	6	80	45	5	15	75	TO-220
16	TIP42	PNP	65	6	80	45	5	15	75	TO-220
17	TIP41C	NPN	65	6	140	100	5	15	75	TO-220
18	TIP42C	PNP	65	6	140	100	5	15	75	TO-220
19	TIP121	NPN	65	5	80	80	5	1K		TO-220
20	TIP126	PNP	65	5	80	80	5	1K		TO-220
21	TIP122	NPN	65	5	100	100	5	1K		TO-220
22	TIP127	PNP	65	5	100	100	5	1K		TO-220
23	TIP141	NPN	125	10	80	80	5	1K		TO-3PN
24	TIP146	PNP	125	10	80	80	5	1K		TO-3PN
25	TIP142	NPN	125	10	100	100	5	1K		TO-3PN
26	TIP147	PNP	125	10	100	100	5	1K		TO-3PN



TO-126N



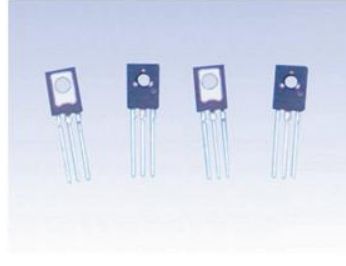
TO-3PN

SWITCH TRANSISTOR FOR ENERGY-SAVING LAMP BALLAST

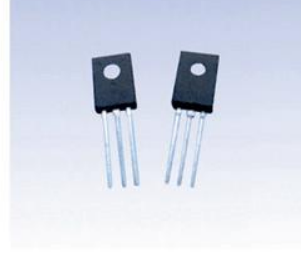
NO.	Part No.	Polarity	Pcm (w)	Ic (A)	V_{CBO} (V)	V_{CEO} (V)	V_{EBO} (V)	HFE		Package
								min	max	
1	C2611	NPN	10	0.2	600	400	9	10	40	TO-92
2	MJE13001	NPN	10	0.2	600	400	9	10	40	TO-92/126
3	MJE13001T	NPN	15	0.5	600	400	9	10	70	TO-126
4	MJE13002	NPN	20	1.5	600	400	9	10	40	TO-126
5	MJE13003T	NPN	30	1.5	650	400	9	8	40	TO-126/220
6	MJE13003	NPN	40	1.5	700	400	9	8	40	TO-220
7	MJE13003(B)	NPN	30	1.5	650	400	9	8	40	TO-220
8	MJE13004	NPN	75	4	600	400	9	8	40	TO-220
9	MJE13005	NPN	75	4	700	400	9	8	40	TO-220
10	MJE13006	NPN	80	8	600	300	9	8	40	TO-220
11	MJE13007	NPN	80	8	700	400	9	8	40	TO-220
12	MJE13008	NPN	100	12	600	300	9	8	40	TO-220
13	MJE13009	NPN	100	12	700	400	9	8	40	TO-220

TO-92

TO-92L

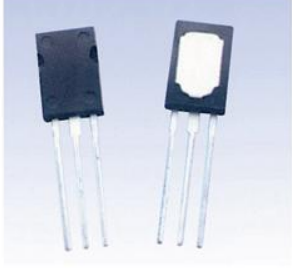


TO-126

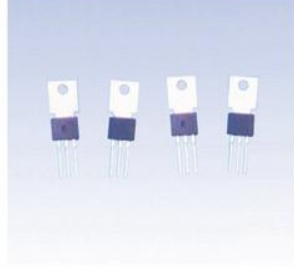


TO-126B

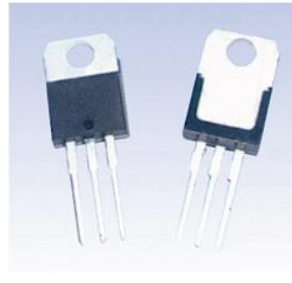
No.	Type	Structure	VDRM (V)	VRRM (V)	IT(A) (V)	IGT			VTM (V)	PACKAGE
						VAK(V)	Min(uA)	Max(uA)		
1	2P4M	SCR	400	400	2	6	-	200	2.2	TO-202
2	2P6M	SCR	600	600	2	6	-	200	2.2	TO-202
3	BT131	TRIAC	400	400	1	12	-	10K	1.7	TO-92
4	BT134	TRIAC	600	600	2	12	-	10K	1.5	TO-126P
5	BT136-600	TRIAC	600	600	4	12	-	10K	1.7	TO-220
6	BT137-600	TRIAC	600	600	8	12	-	10K	1.7	TO-220
7	BT151-500R	SCR	500	500	8	12	1K	15K	1.7	TO-220
8	BT151-600R	SCR	600	600	8	12	1K	15K	1.7	TO-220
9	BT169D	SCR	400	400	0.5	12	5	200	1.7	TO-92
10	BTA06	TRIAC	600	600	6	12	-	50K	1.55	TO-220S
11	BTA08	TRIAC	600	600	8	12	-	50K	1.55	TO-220S
12	BTA12	TRIAC	600	600	12	12	-	50K	1.55	TO-220S
13	BTA16	TRIAC	600	600	16	12	-	50K	1.55	TO-220S
14	BTA26	TRIAC	600	600	25	12	-	50K	1.55	TO-3PS
15	BTA41	TRIAC	600	600	40	12	-	50K	1.55	TO-3PS
16	C106D	SCR	400	400	4	6	-	200	2.2	TO-126
17	C106M	SCR	600	600	4	6	-	200	2.2	TO-126
18	CT502	SCR	400	400	2	12	5	200	1.7	TO-92MOD
19	MAC97A6	TRIAC	400	400	0.6	12	-	7K	1.7	TO-92
20	MAC97A8	TRIAC	600	600	0.6	12	-	7K	1.7	TO-92
21	MCR100-6	SCR	400	400	0.8	7	5	200	1.7	TO-92
22	MCR100-8	SCR	600	600	0.8	7	5	200	1.7	TO-92
23	PCR406	SCR	400	400	0.6	7	5	200	1.7	TO-92
24	XL1225	SCR	400	400	0.6	7	5	200	1.7	TO-92
25	Z0405DF	TRIAC	400	400	4	12	-	5K	1.7	TO-202B
26	Z0405MF	TRIAC	600	600	4	12	-	5K	1.7	TO-202B
27	Z0409DF	TRIAC	400	400	4	12	-	10K	1.7	TO-202B
28	Z0409MF	TRIAC	600	600	4	12	-	10K	1.7	TO-202B



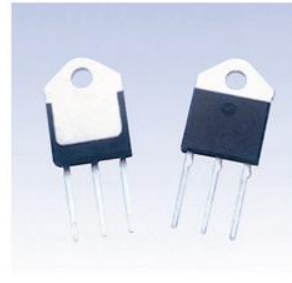
TO-126P



TO-202



TO-220S



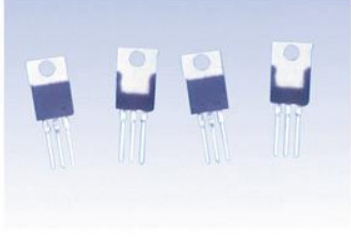
TO-3PS

PLASTIC-ENCAPSULATE SCHOTTKY/FAST RECOVERY DIODES

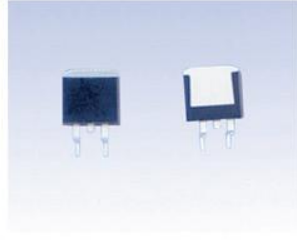
No.	PARAMETER / TYPE	VR (V)	IO (A)	IF (A)	IR(mA)		VF(V)		PIN ARRAY
						VR(V)		IF(A)	
1	MBR1050CT	50	10	125	0.1	50	0.8	5	ACA
2	MBR1060	60	10	150	0.1	60	0.8	10	AC
3	MBR1060CT	60	10	125	0.1	60	0.8	5	ACA
4	MBR10100	100	10	150	0.1	100	0.8	10	AC
5	MBR1550CT	50	15	150	1	50	0.75	7.5	ACA
6	MBR1560CT	60	15	150	1	60	0.75	7.5	ACA
7	MBR15100CT	100	15	150	1	100	0.8	10	ACA
8	MBR2050CT	50	20	150	0.1	50	0.8	10	ACA
9	MBR2060CT	60	20	150	0.1	60	0.8	10	ACA
10	MBR20100CT	100	20	150	0.15	100	0.85	10	ACA
11	MBR20200CT	200	20	150	0.1	200	0.9	10	
12	MUR820	200	8	100	0.1	200	1.3	8	
13	MUR840	400	8	100	0.1	400	1.3	8	
14	MUR860	600	8	100	0.1	600	1.5	8	
15	MUR1020	200	10	120	0.1	200	1.3	10	
16	MUR1040	400	10	120	0.1	400	1.3	10	
17	MUR1060	600	10	120	0.1	600	1.3	10	
18	MUR1620	200	16	125	0.1	200	1.3	10	
19	MUR1640	400	16	125	0.1	400	1.3	10	
20	MUR1660	600	16	125	0.1	600	1.3	10	

MOSFETS

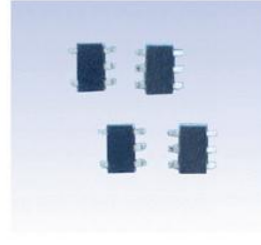
NO	PARAMETER / TYPE	VDSS (V)	RDS(on) (Ω)	ID (A)	PACKAGE
1	IRF530	100	0.16	14	TO-220I
2	IRF630	200	0.4	9.0	TO-220I
3	IRF634	250	0.45	8.1	TO-220I
4	IRF640	200	0.18	18	TO-220I
5	IRF730	400	1.0	5.5	TO-220I
6	IRF740	400	0.55	10	TO-220I
7	IRF830	500	1.5	4.5	TO-220I
8	IRF840	500	0.85	8.0	TO-220I
9	IRFP150	100	0.055	41	TO-247
10	IRFZ44N	55	0.0175	49	TO-220I



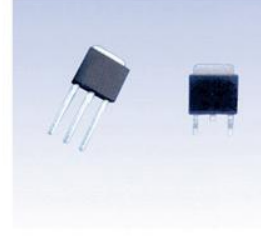
TO-220



TO-263



TO-23-5L/6L

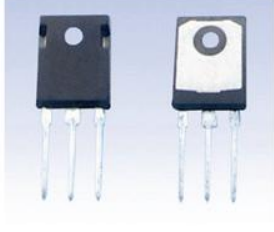


TO-251/252

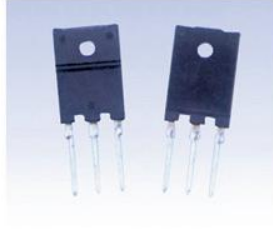
NO	Part Number	Package
001	2N2222A	TO-92
002	2N3442	TO-3
003	2N3771	TO-3
004	2N3772	TO-3
005	2N4124	TO-92
006	2N4923	TO-126
007	2N6059	TO-3
008	2N6107	TO-220
009	2N6123	TO-220
010	2N6125	TO-220
011	2N6292	TO-220
012	2N6384	TO-3
013	2N6513	TO-3
014	2N6609	TO-3
015	2P2M	TO-202
016	2P4M	TO-202
017	2P5M	TO-202
018	2P6M	TO-202
019	2SA1008	TO-220
020	2SA1009	TO-220
021	2SA1010	TO-220
022	2SA1011	TO-220
023	2SA1020	TO-92MOD
024	2SA1038	TO-92
025	2SA1050	TO-3
026	2SA1069	TO-220
027	2SA1075	MT125
028	2SA1077	TO-220
029	2SA1094	MT125
030	2SA1103	TO-3PN
031	2SA1106	TO-3PN

NO	Part Number	Package
032	2SA1124	TO-92MOD
033	2SA1146	TO-3PN
034	2SA1160	TO-92
035	2SA1166	MT125
036	2SA1170	MT125
037	2SA1187	MT125
038	2SA1209	TO-126
039	2SA1215	MT200
040	2SA1220	TO-126
041	2SA1249	TO-126
042	2SA1264	TO-3PN
043	2SA1265	TO-3PN
044	2SA1266	TO-92
045	2SA1293	TO-220
046	2SA1296	TO-92
047	2SA1306	TO-220
048	2SA1315	TO-92MOD
049	2SA1328	TO-220
050	2SA1329	TO-220
051	2SA1371	TO-92L
052	2SA1380	TO-126
053	2SA1386	MT100
054	2SA1443	TO-220
055	2SA1490	MT100
056	2SA1492	MT100
057	2SA1493	MT200
058	2SA1507	TO-126
059	2SA1516	TO-3PN
060	2SA1535	TO-220
061	2SA1633	TO-3PML
062	2SA1643	TO-220

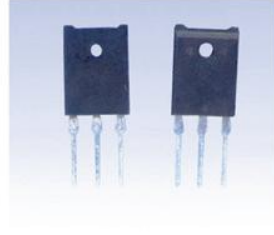
NO	Part Number	Package
063	2SA1667	FM20
064	2SA1668	FM20
065	2SA1671	FM100
066	2SA1673	FM100
067	2SA1684	TO-220
068	2SA1695	TO-3PN
069	2SA1725	FM20
070	2SA1726	TO-220
071	2SA1837	TO-220
072	2SA1859	FM20
073	2SA1930	TO-220
074	2SA1962	TO-3PN
075	2SA562	TO-92
076	2SA673	TO-92
077	2SA684	TO-92
078	2SA699	TO-220
079	2SA719	TO-92
080	2SA733	TO-92
081	2SA743	TO-126
082	2SA777	TO-92
083	2SA807	TO-3
084	2SA814	TO-220
085	2SA815	TO-220
086	2SA840	TO-92
087	2SA844	TO-92
088	2SA907	TO-3
089	2SA933	TO-92
090	2SA949	TO-92MOD
091	2SA950	TO-92
092	2SA965	TO-92
093	2SA966	TO-92MOD



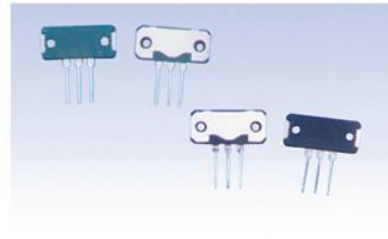
TO-247



FM100



TOP-3F

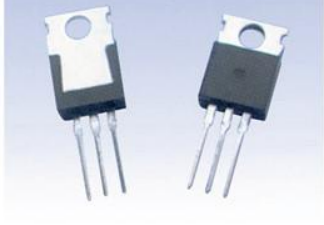


MT125

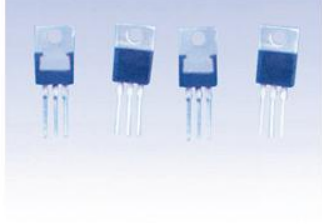
NO	Part Number	Package
094	2SA968	TO-220
095	2SA970	TO-92
096	2SB1015	TO-220
097	2SB1038	TO-126
098	2SB1039	TO-126
099	2SB1064	TO-220
100	2SB1098	TO-220
101	2SB1133	TO-220
102	2SB1135	TO-220
103	2SB1151	TO-126
104	2SB1185	TO-220
105	2SB1274	TO-220
106	2SB1342	TO-220
107	2SB1344	TO-220
108	2SB1370	TO-220
109	2SB1372	TOP-3F
110	2SB1375	TO-220
111	2SB1429	TO-3PN
112	2SB1470	TO-3PL
113	2SB1560	MT100
114	2SB1565	TO-220
115	2SB1568	TO-220
116	2SB1616	TO-220
117	2SB1620	MT100
118	2SB1625	FM100
119	2SB1626	FM20
120	2SB507	TO-220
121	2SB511	TO-220
122	2SB514	TO-220
123	2SB528	TO-220
124	2SB544	TO-92MOD

NO	Part Number	Package
125	2SB546	TO-220
126	2SB548	TO-126
127	2SB554	TO-3
128	2SB555	TO-3
129	2SB557	TO-3
130	2SB560	TO-92MOD
131	2SB568	TO-220
132	2SB595	TO-220
133	2SB596	TO-220
134	2SB601	TO-220
135	2SB631	TO-126
136	2SB633	TO-220
137	2SB647	TO-92MOD
138	2SB648	TO-126
139	2SB649	TO-126
140	2SB673	TO-220
141	2SB676	TO-220
142	2SB686	TO-3PN
143	2SB698	TO-92MOD
144	2SB703	TO-220
145	2SB727	TO-220
146	2SB750	TO-220
147	2SB754	TO-3PN
148	2SB755	MT125
149	2SB761	TO-220
150	2SB762	TO-220
151	2SB764	TO-92L
152	2SB774	TO-92
153	2SB828	TO-3PN
154	2SB856	TO-220
155	2SB861	TO-220

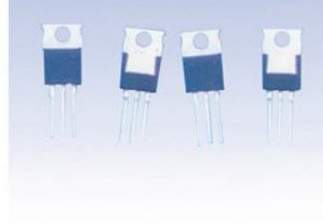
NO	Part Number	Package
156	2SB886	TO-220
157	2SB892	TO-92L
158	2SB949	TO-220
159	2SB950	TO-220
160	2SC1051	TO-3
161	2SC1060	TO-220
162	2SC1114	TO-3
163	2SC1162	TO-126
164	2SC1172	TO-3
165	2SC1383	TO-92L
166	2SC1384	TO-92L
167	2SC1448	TO-220
168	2SC1477	TO-3
169	2SC1505	TO-220
170	2SC1586	TO-3
171	2SC1629	TO-3
172	2SC1678	TO-220
173	2SC1829	TO-3
174	2SC1845	TO-92
175	2SC1846	TO-126
176	2SC1959	TO-92
177	2SC1971	TO-220
178	2SC1983	TO-220
179	2SC2021	TO-3
180	2SC2068	TO-202
181	2SC2078	TO-220
182	2SC2166	TO-220
183	2SC2183	TO-220
184	2SC2216	TO-92L
185	2SC2228	TO-92
186	2SC2230	TO-92MOD



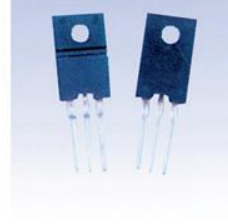
TO-220X



TO-202/Y



TO-220/Z

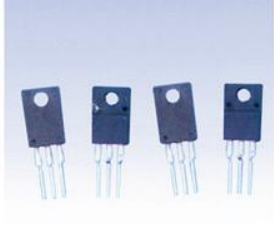


FM20

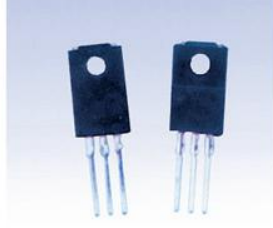
NO	Part Number	Package
187	2SC2235	TO-92L
188	2SC2236	TO-92L
189	2SC2238	TO-220
190	2SC2274	TO-92
191	2SC2314	TO-126
192	2SC2331	TO-220
193	2SC2335	TO-220
194	2SC2336	TO-220
195	2SC2344	TO-220
196	2SC2349	TO-220
197	2SC2365	TO-3
198	2SC2383	TO-92MOD
199	2SC2452	TO-3
200	2SC2456	TO-126
201	2SC2482	TO-92MOD
202	2SC2483	TO-220
203	2SC2498	TO-92
204	2SC2499	TO-92
205	2SC2500	TO-92L
206	2SC2509	TO-220
207	2SC2525	MT125
208	2SC2562	TO-220
209	2SC2564	MT125
210	2SC2577	TO-3PN
211	2SC2578	TO-3PN
212	2SC2581	MT100
213	2SC2591	TO-220
214	2SC2603	TO-92
215	2SC2631	TO-92
216	2SC2655	TO-92MOD
217	2SC2688	TO-126

NO	Part Number	Package
218	2SC2690	TO-126
219	2SC2705	TO-92
220	2SC2837	TO-3PN
221	2SC2921	MT200
222	2SC3026	TO-3
223	2SC3039	TO-220
224	2SC3040	TO-3PN
225	2SC3089	TO-3PN
226	2SC3117	TO-126
227	2SC3153	TO-3PN
228	2SC3181	TO-3PN
229	2SC3182	TO-3PN
230	2SC3198	TO-92
231	2SC3202	TO-92
232	2SC3263	MT100
233	2SC3279	TO-92L
234	2SC3298	TO-220
235	2SC3317	TO-220
236	2SC3331	TO-92
237	2SC3332	TO-92
238	2SC3355	TO-92
239	2SC3377	TO-92
240	2SC3451	TO-3PN
241	2SC3460	TO-3PN
242	2SC3465	TO-3
243	2SC3485	TO-3PN
244	2SC3505	TO-3PN
245	2SC3519	MT100
246	2SC3552	TO-3PN
247	2SC3679	MT100
248	2SC3687	TO-3PN

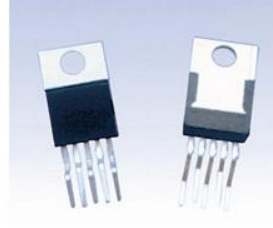
NO	Part Number	Package
249	2SC3688	TO-3PN
250	2SC3795	TOP-3F
251	2SC380	TO-92
252	2SC3807	TO-126
253	2SC3852	FM20
254	2SC3882	TO-3PHS
255	2SC3890	FM20
256	2SC3892	TO-3PHS
257	2SC3896	TO-3PML
258	2SC3897	TO-3PML
259	2SC3902	TO-126
260	2SC3907	TO-3PN
261	2SC3940	TO-92L
262	2SC3944	TO-220
263	2SC3953	TO-126
264	2SC3973	TO-220
265	2SC4029	TO-3PL
266	2SC4106	TO-220
267	2SC4138	MT100
268	2SC4159	TO-220
269	2SC4161	TO-220
270	2SC4212	TO-220
271	2SC4234	TO-220
272	2SC4273	TO-220
273	2SC4304	FM100
274	2SC4327	TO-220
275	2SC4369	TO-220
276	2SC4418	FM20
277	2SC4429	TO-3PML
278	2SC4430	TO-3PML
279	2SC4468	TO-3PN



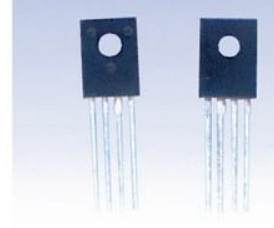
TO-220N



TO-220F



TO-220/5L

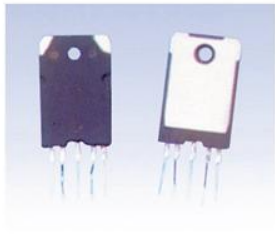


TO-126/4L

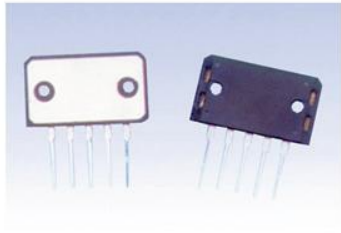
NO	Part Number	Package
280	2SC4511	FM20
281	2SC4512	TO-220
282	2SC4542	TO-3PHS
283	2SC4559	TO-220
284	2SC458	TO-92
285	2SC4582	TO-3PML
286	2SC461C	TO-92
287	2SC4663	TO-220
288	2SC4762	TO-3PHS
289	2SC4769	TO-3PML
290	2SC4793	TO-220
291	2SC4833	TO-220
292	2SC4908	FM20
293	2SC4962	TO-3PFM
294	2SC5039	TO-220
295	2SC509	TO-92
296	2SC5105	TO-3PFM
297	2SC5129	TO-3PHS
298	2SC5147	TO-220
299	2SC5148	TO-3PHS
300	2SC5149	TO-3PHS
301	2SC5171	TO-220
302	2SC5197	TO-3PN
303	2SC5207A	TO-3PFM
304	2SC5242	TO-3PN
305	2SC5250	TO-3PFM
306	2SC5271	FM20
307	2SC5296	TO-3PML
308	2SC5299	TO-3PML
309	2SC5339	TO-3PHS
310	2SC5353	TO-220

NO	Part Number	Package
311	2SC536	TO-92
312	2SC5404	TO-3PHS
313	2SC5440	TO-3PHS
314	2SC5449	TO-3PFM
315	2SC5803	TO-3PHS
316	2SD1018	TO-3PN
317	2SD1044	MT100
318	2SD1046	TO-3P
319	2SD1052	TO-220
320	2SD1061	TO-220
321	2SD1062	TO-220
322	2SD1064	TO-3PN
323	2SD1090	TO-3PN
324	2SD1128	TO-220
325	2SD1131	TO-220
326	2SD1138	TO-220
327	2SD1196	TO-220
328	2SD1271	TO-220
329	2SD1275	TO-220
330	2SD1277	TO-220
331	2SD1294	TO-3PN
332	2SD1330	TO-92
333	2SD1378	TO-126
334	2SD1388	TO-92L
335	2SD1391	TO-3PN
336	2SD1397	TO-3PN
337	2SD1398	TO-3PN
338	2SD1399	TO-3PN
339	2SD1406	TO-220
340	2SD1414	TO-220
341	2SD1415	TO-3PN

NO	Part Number	Package
342	2SD1433	TO-3PH
343	2SD1434	TO-3PH
344	2SD1437	TO-220
345	2SD1438	TO-3PH
346	2SD1439	TO-3PN
347	2SD1454	MT100
348	2SD1455	MT100
349	2SD1486	TO-3PN
350	2SD1544	TO-3PHS
351	2SD1577	TOP-3F
352	2SD1585	TO-220
353	2SD1609	TO-126
354	2SD1632	TOP-3F
355	2SD1649	TO-3PML
56	2SD1666	TO-220
357	2SD1677	TO-3PN
358	2SD1691	TO-126
359	2SD1762	TO-220
360	2SD1828	TO-220
361	2SD1845	TOP-3F
362	2SD1910	TO-3PFM
363	2SD1911	TO-3PFM
364	2SD1933	TO-220
365	2SD1941	TO-3PFM
366	2SD1942	TO-3
367	2SD1944	TO-220
368	2SD200	TO-3
369	2SD2012	TO-220
370	2SD2029	TO-3PL
371	2SD2060	TO-220
372	2SD2092	TO-220



TO-3P/5L



MT200/5L

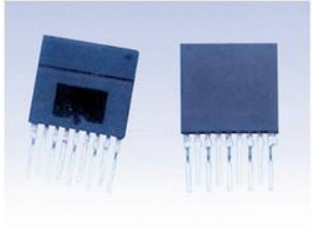
TO-3

TO-3/3L

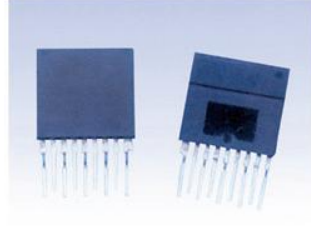
NO	Part Number	Package
373	2SD2095	TO-3PHS
374	2SD2148	TO-3PFM
375	2SD2155	TO-3PL
376	2SD2222	TO-3PL
377	2SD2231	MT100
378	2SD2251	TO-3PML
379	2SD2331	TOP-3F
380	2SD2333	TO-3PH
381	2SD234	TO-220
382	2SD235	TO-220
383	2SD2349	TO-3PHS
384	2SD2386	TO-3PN
385	2SD2390	MT100
386	2SD2395	TO-220
387	2SD2400	TO-220
388	2SD2439	FM100
389	2SD2445	TO-3PFM
390	2SD2478	TO-220
391	2SD2488	MT100
392	2SD2493	MT100
393	2SD2495	FM20
394	2SD2498	TO-3PHS
395	2SD2499	TO-3PHS
396	2SD2500	TO-3PHS
367	2SD2586	TO-3PHS
398	2SD2634	TO-3PML
399	2SD325	TO-220
400	2SD330	TO-220
401	2SD350	TO-3
402	2SD381	TO-220
403	2SD383	TO-3

NO	Part Number	Package
404	2SD386	TO-220
405	2SD388	TO-3
406	2SD389	TO-220
407	2SD390	TO-220
408	2SD400E	TO-92MOD
409	2SD401A	TO-220
410	2SD424	TO-3
411	2SD427	TO-3
412	2SD438	TO-92MOD
413	2SD468C	TO-92L
414	2SD471	TO-92
415	2SD476	TO-220
416	2SD525	TO-220
417	2SD526	TO-220
418	2SD555	TO-3
419	2SD556	TO-3
420	2SD560	TO-220
421	2SD5702	TOP-3F
422	2SD600	TO-126
423	2SD613	TO-220
424	2SD649	TO-3
425	2SD669	TO-126
426	2SD692	TO-3
427	2SD718	TO-3PN
428	2SD733	TO-3
429	2SD736	MT125
430	2SD743	TO-220
431	2SD748	TO-3
432	2SD768	TO-220
433	2SD770	TO-92
434	2SD771	TO-92

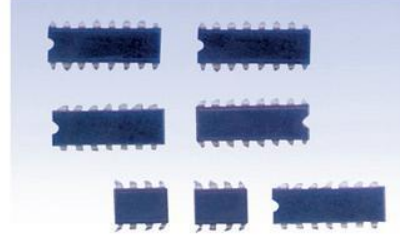
NO	Part Number	Package
435	2SD772	TO-220
436	2SD773	TO-126
437	2SD776	TO-3
438	2SD787	TO-92L
439	2SD788	TO-92L
440	2SD807	TO-3
441	2SD809	TO-126
442	2SD823	TO-220
443	2SD837	TO-220
445	2SD844	TO-3PN
446	2SD845	MT125
447	2SD866	TO-220
448	2SD868	TO-3
449	2SD879	TO-92MOD
450	2SD886	TO-220
451	2SD898	TO-3
452	2SD900	TO-3
453	2SD950	TO-3
454	2SD985	TO-126
455	2SD998	TO-126
456	AN6650	DIP-8
457	AN6651	TO-126/4L
458	BC238	TO-92
459	BC327	TO-92
460	BC337	TO-92
461	BC368	TO-92
462	BC369	TO-92
463	BC546	TO-92
464	BC547	TO-92
465	BC548	TO-92
466	BC556	TO-92



6307



6309

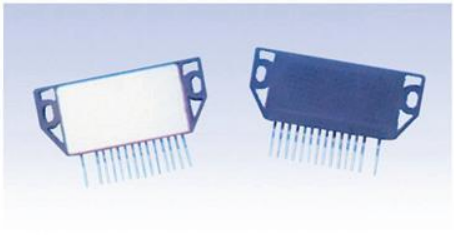


DIP-8 DIP-14 DIP-16

NO	Part Number	Package
467	BC557	TO-92
468	BC558	TO-92
469	BC637	TO-92
470	BC639	TO-92
471	BD132	TO-126
472	BD135	TO-126
473	BD136	TO-126
474	BD137	TO-126
475	BD138	TO-126
476	BD139	TO-126
477	BD140	TO-126
478	BD178	TO-126
479	BD203	TO-126
480	BD233	TO-126
481	BD234	TO-126
482	BD235	TO-126
483	BD237	TO-126
484	BD238	TO-126
485	BD239	TO-220
486	BD242C	TO-220
487	BD243C	TO-220
488	BD244C	TO-220
489	BD245C	TO-3PN
490	BD246C	TO-3PN
491	BD311	TO-3
492	BD318	TO-3
493	BD329	TO-126
494	BD332	TO-126
495	BD333	TO-126

NO	Part Number	Package
496	BD334	TO-126
497	BD335	TO-126
498	BD336	TO-126
499	BD410	TO-126
500	BD436	TO-126
501	BD438	TO-126
502	BD440	TO-126
503	BD588	TO-220
504	BD649	TO-220
505	BD650	TO-220
506	BD680	TO-126
507	BD681	TO-126
508	BD810	TO-220
509	BD902	TO-220
510	BD942	TO-220
511	BDT96A	TO-220
512	BDV64	TO-3PN
513	BDV65	TO-3PN
514	BDW93C	TO-220
515	BDW94C	TO-220
516	BDX20	TO-3
517	BDX34C	TO-220
518	BDX53E	TO-220
519	BDX54E	TO-220
520	BF420	TO-92L
521	BF422	TO-92L
522	BF871	TO-220
523	BT136	TO-220
524	BT137	TO-220
525	BT151	TO-220
526	BT169	TO-92

NO	Part Number	Package
527	BU209	TO-3
528	BU2525A	TOP-3F
529	BU2525AF	TOP-3F
530	BU2525DF	TOP-3F
531	BU326	TO-3
532	BU426	TO-3PN
533	BU526	TO-3
534	BU806	TO-220
535	BU808	TO-3
536	BUT11AF	TO-220
537	BUT11AX	TO-220
538	BUT12A	TO-220
539	BUT12AF	TO-220
540	BUT56A	TO-3PN
541	BUW11	TO-3PN
542	BUW11A	TO-3PN
543	BUW12	TO-3PN
544	BUW13	TO-3PN
545	BUW84	TO-126
546	BUY71	TO-3
547	D200	TO-3
548	D300	TO-3
549	D350	TO-3
550	D898	TO-3
551	IX0689	MIXED IC
552	IX0308C	MIXED IC
553	KA2411	DIP-3
554	LM324	DIP-8
555	LM78L05	TO-92
556	LM78L06	TO-92
557	LM78L08	TO-92



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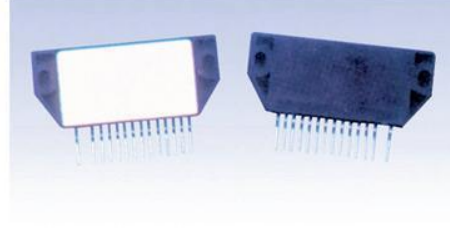

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NO	Part Number	Package
558	LM78L09	TO-92
559	LM78L12	TO-92
560	LM7805	TO-220
561	LM7806	TO-220
562	LM7808	TO-220
563	LM7809	TO-220
564	LM7812	TO-220
565	LM7815	TO-220
566	LM7818	TO-220
567	LM79L05	TO-92
568	LM79L06	TO-92
569	LM79L08	TO-92
570	LM79L09	TO-92
571	LM79L12	TO-92
572	LM7905	TO-220
573	LM7906	TO-220
574	LM7908	TO-220
575	LM7909	TO-220
576	LM7912	TO-220
577	LM7915	TO-220
578	LM7918	TO-220
579	MC34063	DIP-8
580	MCR100-4	TO-92
581	MCR100-5	TO-92
582	MCR100-6	TO-92
583	MCR100-8	TO-92
584	PCR406	TO-92
585	S2000A1	TO-3PH
586	S2000A2	TO-3PH
587	S2000A3	TO-3PH
588	S2000AF	TO-3PHS
589	S2055	TO-3PH
590	S2055A	TO-3PH
591	S2055AF	TO-3PH
592	S2055DF	TO-3PH
593	S2055N	TO-3PHS
594	SM40000	TO-3P/5L
595	SM60000	TO-3P/5L
596	STK7358	
597	STK7359	

NO	Part Number	Package
598	STR370	TO-3
599	STR371	TO-3
600	STR380	TO-3
601	STR381	TO-3
602	STR382	TO-3
603	STR383	TO-3
604	STR385	TO-3
605	STR440	TO-3
606	STR441	TO-3
607	STR450	TO-3
608	STR451	TO-3
609	STR455	TO-3
610	STR456	TO-3
611	STR457	TO-3
612	STR3110	MT200/5L
613	STR3112	MT200/5L
614	STR3114	MT200/5L
615	STR3115	MT200/5L
616	STR3118	MT200/5L
617	STR3120	MT200/5L
618	***	***
619	STR3123	MT200/5L
620	STR3125	MT200/5L
621	STR3127	MT200/5L
622	STR3130	MT200/5L
623	STR3135	MT200/5L
624	STR4090	MT200/5L
625	STR4211	MT200/5L
626	STR5412	MT200/5L
627	STR6020	MT200/5L
628	STR30112	T0-3P/5L
629	STR30115	T0-3P/5L
630	STR30120	T0-3P/5L
631	STR30123	T0-3P/5L
632	STR30125	T0-3P/5L
633	STR30128	T0-3P/5L
634	STR30130	T0-3P/5L
635	STR30134	TO-3P/5L
636	STR30135	TO-3P/5L
637	STR40115	TO-3P/5L

NO	Part Number	Package
638	STR41090	TO-3P/5L
639	STR50041	TO-3P/5L
640	STR50103	TO-3P/5L
641	STR50112	TO-3P/5L
642	STR50113	TO-3P/5L
643	STR50115	TO-3P/5L
644	STR50125	TO-3P/5L
645	STR50213	TO-3P/5L
646	STR51014	TO-3P/5L
647	STR51213	TO-3P/5L
648	STR54041	TO-3P/5L
649	STR57041	TO-3P/5L
650	STR58041	TO-3P/5L
651	STR59041	TO-3P/5L
652	STRS6307	MIXED IC
653	STRS6308	MIXED IC
654	STRS6309	MIXED IC
655	STRS6707	MIXED IC
656	STRS6708	MIXED IC
657	STRS6709	MIXED IC
658	TA2003P	DIP-8
659	TA31002	DIP-8
660	TA7176AP	DIP-8
661	TA7611AP	DIP-8
662	TA7613AP	DIP-8
663	TA7609	DIP-8
664	TA7738P	DIP-8
665	TDA2003	TO-220/5L
666	TDA2030	TO-220/5L
667	TDA2822	DIP-8
668	TIP29	TO-220
669	TIP30	TO-220
670	TIP31	TO-220
671	TIP32	TO-220
672	TIP35C	TO-3PN
673	TIP36C	TO-3PN
674	TIP102	TO-220
675	TIP107	TO-220
676	TIP110	TO-220
678	TL431	TO-92

Telephone ICs

No.	Part Number	Function	Voltage Range	Package	Ref.
1. Speech Network					
1	CSC1062GP	Low Voltage Telephone Speech TransmissionCircuit(High Level Mute)		DIP16	TEA1062
2	CSC1062AGP	Low Voltage Telephone Speech TransmissionCircuit(High Level Mute)		DIP16	TEA1062A
3	CSC34018CP	Voice Switched Speakerphone Circuit		DIP28	MC34018
2. Audio Amplifier					
4	CSC820GP	Low Power Audio Amp.	3~16V	DIP8	TBA820M
3. Ringer					
5	CSC1240AGP	Tone Ringer with built-in Bridge Rectifier and Stabilizer		DIP8	LS1240A
6	CSC2410CP	Tone Ringer		DIP8	KA2410
7	CSC2411CP	Tone Ringer		DIP8	KA2411
8	CSC8204CP	Tone Ringer		DIP8	LM8204
9	C31002CP	Tone Ringer		DIP8	HA31002
10	CSC31002GP	Tone Ringer		DIP8	TA31002P
4. Cordless Telephone					
11	CSC31101CP	Compander IC for Cordless Telephone	1.8~9.0V	DIP16	TA31101P/AP
12	CSC3361BCB CSC3361BCP	Low Power Narrow Band FM IF System	2.5~7.0V	SOP16 DIP16	MC3361
13	CSC34119CB CSC34119CP	Low power Audio Amp	2~16V	SOP8 DIP8	MC34119
14	CSC571EB CSC571EP	Compander IC for Cordless Telephone	6~18V	SOP16 DIP16	SA571
15	CSC8507CB	Compander IC for Cordless Telephone	2.4~7.0V	SOP20	KA8507B
16	CW5003CB	3V Reference	3.5~9.0V	SOP8	LA5003

TV ICs

No.	Part Number	Function	Voltage Range	Package	Ref.
Black & white TV					
17	CD1031CS	B/W TV Vertical System	9~18v	FSIP10	µPC1031
18	CD1353CP	B/W TV Sound System	9~18V	FDIP14	µPC1353

No.	Part Number	Function	Voltage Range	Package	Ref.
19	CD1366CP	B/W TV IF System	12V(typ.)	FDIP14	μPC1366
20	CD1379CP	B/W TV Deflection System	12V(typ.)	FDIP16	μPC1379
21	CD5150CP	1-Chip B/W TV Circuit with Reverse RF AGC	8~12V	DIP28	AN5150
22	CD5151CP	1-Chip B/W TV Circuit with Forward RF AGC	8~12V	DIP28	AN5151
23	CD7176CP	TV Sound IF Amp.	12V(typ.)	DIP14	TA7176AP
24	CD7231CP	Low Power Vertical Output Amp.	1.8~15.0V	DIP8	TDA7231
25	CD7242CS	B/W TV Vertical System	9~13V	FSIP10	TA7242P
	CD7313GS	500mW A udio Power Amp.	4~14V	SIP9	TA7313AP
	CD7607CP	PIF System with Reversa RF AGC	12V(typ.)	DIP16	TA7607AP
26	CD7609CP	TV Deflection System	12V(typ.)	DIP16	TA7609P
27	CD7611CP	PIF System with Forward RF AGC	12V(typ.)	DIP16	TA7611AP
28	CD7675CP	PIF&SIF System with Reverse RF AGC	12V(typ.)	DIP16	TA7675AP
29	CD7678CP	PIF&SIF System with Forward RF AGC	12V(typ.)	DIP16	TA7678AP
2. CTV					
2.1 1-Chip CTV					
30	CD8690CP	1-Chip PAL/NTSC CTV Circuit With OSD	9V(typ.)	SDIP54	TA8690AN
2.2 PIF,SIF					
	CD7176CP	TV Sound IF Amp.	12V(typ.)	DIP14	TA7176AP
31	CD7243CP	TV Sound System with Power Amp.	15~30V	FDIP14	TA7243P
32	CD7510CS	Quasi-parallel Intercarrier Detecor	12V(typ.)	SIP9	LA7510
33	CD7607CP	Video IF System with Reverse RF AGC	12V(typ.)	DIP16	TA7607AP
34	CD7680CP	CTV PIF&SIF System with Reverse RF AGC	12V(typ.)	DIP24	TA7680AP
35	CD7681CP	CTV PIF&SIF System with Forward RF AGC	12V(typ.)	DIP24	TA7681AP
2.3 Video-Chroma&Deflection					
36	CD7193CP	PAL Chroma System	12V(typ.)	DIP24	TA7193AP
37	CD7193PCP	PAL Chroma System	12V(typ.)	DIP24	TA7193P
	CD7609CP	TV Deflection System	12V(typ.)	DIP16	TA7609P
38	CD7698CP	PAL/NTSC Video,Chroma and Deflection System	12V(typ.)	DIP42	TA7698AP
39	CD8759CP	Video,Chroma and Deflection for PAL/SECAM/NTSC Multi-Color System	12V(typ.)	SDIP64	TA8759BN

No.	Part Number	Function	Voltage Range	Package	Ref.
2.4 Vertical Power Output/Drive Amp.					
40	CD3653GS	TV Vertical Power Output Circuit	26V(typ.)	FSIP9	TDA3653
41	CD78040CZ	TV Vertical Power Output Circuit	24V(typ.)	TO-220-7	LA78040
42	CD78041CZ	TV Vertical Power Output Circuit	24V(typ.)	TO-220-7	LA78041
43	CD7830CS	TV Vertical Power Output Circuit	24V(typ.)	FSIP7	LA7830
44	CD7832CS	TV Vertical Power Output Circui	24V(typ.)	FSIP7	LA7832
45	CD7837CS	TV Vertical Power Output Circuit	24V(typ.)	FSIP13	LA7837
46	CD7840GS	TV Vertical Power Output Circuit with Bus Control	24V(typ.)	FSIP7	LA7840
47	CD7841GS	TV Vertical Power Output Circuit with Bus Control	24V(typ.)	FSIP7	LA7841
48	CD7845GS	TV Vertical Power Output Circuit with Bus Control	24V(typ.)	FSIP7	LA7845
49	CD8177CZ	TV Vertical Power Output Circuit	24V(typ.)	TO-220-7	TDA8177
50	CD8403CS	TV Vertical Power Output Circuit	24V(typ.)	FSIP7B	TA8403K
51	CD8427CS	TV Vertical Power Output Circuit	24V(typ.)	FSIP7B	TA8427K
52	CD8445CS	TV Vertical Power Output Circuit	24V(typ.)	FSIP12	TA8445K
53	CD9302ACZ CD9302CZ	TV Vertical Power Output Circuit	24V(typ.)	TO-220-7	STV9302A TDA9302
54	CD9632CS	TV Vertical Power Output Circuit	24V(typ.)	FSIP7	
2.5 Audio Amp.&Volume Control					
55	CD1013CS	4W Audio Power Amp.with DC Volume Controller	18V(typ.)	FSIP9	TDA1013B
56	CD1362CS	Electronic Volume Control Circuit	12V(typ.)	SIP9	LA1362
57	CD2611GS	5W Audio Power Amp.	6~35V	FSIP9	TDA2611A
58	CD2614CS	6W Hi-Fi Audio Power Amp.	15~42V	FSIP9	TDA2614
59	CD2811GS	8W Audio Power Amp.	18~35V	FSIP9	
60	CD4265GS	3.5W Audio Power Amp.	16V(typ.)	FSIP10	LA4265
61	CD4275CS	6W Audio Power Amp.	10~ 32V	FSIP7	LA4275
62	CD4285CS	3W Audio Power Amp.With DC Volume Controller	16V(typ.)	FSIP10	LA4285
63	CD4287CS	5W Audio Power Amp.With DC Volume Controller	20V(typ.)	FSIP10	LA4287
64	CD5265CS	2.3W AF Power Amp.with DC Volume Controller	18V(typ.)	FSIP9	AN5265
	CD8200CZ	13W X 2 Dual Audio Power Amp.	10~37V	HZIP12	TA8200AH
	CD8211CZ	6W X 2 Dual Audio Power Amp. With Mute Terminal	10~30V	HZIP12	TA8211AH
65	CD8213CS	6W Audio Power Amp.	10~30V	FSIP7B	TA8213K

No.	Part Number	Function	Voltage Range	Package	Ref.
	CD8246CZ	6W X 2 Dual Audio Power Amp.	10~30V		TA8246H
	CD8256CZ	6W X 3 Audio Power Amp.	10~30V		TA8256AH
2.6 Tuner Band Switcher					
66	CD54573ACS	Tuner Band Switcher	5V(typ.)	SIP8	M54573
67	CD54573CS	Tuner Band Switcher	12V(typ.)	SIP8	M54573
68	CD7315CS	Tuner Band Switcher	12V(typ.)	SIP9	TA7315BP
69	CD7910CS	Tuner Band Switcher	12V(typ.)	SIP9	LA7910
2.7 The Others					
70	CD7016CS	Video and Audio Switcher for VTR and TV	12V(typ.)	SIP8	LA7016
71	CD8145CP	TV East/West Correction for Square Tubes	17~30V	DIP8	TDA8145
72	CW4605CP	Power Switch Regulator Controler	7.5~15.0V	DIP8	TDA4605-3
73	CW574CS	Regulator(33V) for Electronic Tuner		TO-92-2	μPC574

Audio ICs

1. RF Tuner

74	CD1186CS	FM Front End	1.8~8.0V	SIP9	LA1186
75	CD7335GS	FM Front End	2~6V	SIP9	TA7335P
76	CD7358GS	FM Front End	1.6~6.0V	SIP9	TA7358P

2. FM Stereo Demodulation

77	CD3370CP	FM Stereo Multiplex	6.5~14.0V	ZIP16	LA3370
78	CD7342GS	PLL FM Stereo Multiplex	1.8~5.0V	SIP9	TA7342P
79	CD7343GS	PLL FM Stereo Multiplex	3.5~12.0V	SIP9	TA7343AP
80	CD7766CB	1.5V PLL FM Stereo Multiplex	1~5V	SOP16	TA7766AF

3. Dual Channel Pre-Amp.

81	CD2002CB	Dual Equalizer Pre-amp.	1.8~4.5V	SSOP24	TA2002F
82	CD2068CP	Equalizer Pre-amp.for KARAOKE	4~9V	SDIP24	TA2068N
83	CD3161CS	Dual Low Noise Equalizer Pre-amp.	4~11V	SIP8	LA3161
84	CD7312CP	Dual Equalizer Pre-amp.with ALC	5~12V	DIP14	AN7312

No.	Part Number	Function	Voltage Range	Package	Ref.
85	CD7316CP	Dual Equalizer Pre-amp.with Rec	3.5~12.0V	DIP16	AN7316
86	CD7325GS	Dual Equalizer Pre-amp.	7~18V	SIP9	TA7325P
87	CD7658GP	Dual Equalizer Pre-amp.with ALC	6~15V	DIP14	TA7658P
88	CD7668GP	Dual Equalizer Pre-amp.with ALC	6~15V	DIP16	TA7668AP
89	CD7784GP	Dual Equalizer Pre-amp.for Autoreverse	3.5~15.0V	DIP16	TA7784P
90	CD8119CP	Dual Equalizer Pre-amp.	1.8~6.0V	DIP16	TA8119P
91	CD8189CP	Quad Pre-amp.for Double Cassette Tape Recorder	4.0~14.5V	SDIP24	TA8189
92	CD9608CS	Dual Equalizer Pre-amp.with ALC	4.5~14.0V	SIP9	BA3308 KA22241
4. Audio Power Amp.					
93	CD1622CB	Stereo/Mono BTL Power Amp.	1.8~4.5V	SOP16B	CXA1622M
94	CD1875CZ	20W Audio Power Amp.	16~60V ±8~±30V	TO-220-5	LM1875
95	CD2025CP	2.3W X 2 Dual Audio Power Amp.	3~12V	DIP16	TEA2025
96	CD2025HCP	2.3W X 2 Dual Audio Power Amp.	3~12V	HDIP12	TEA2025
97	CD2030ACZ	16W Audio Power Amp.	12~44V ±6~±22V	TO-220-5	TDA2030A
98	CD2822ACP	1W X 2 Dual Audio Power Amp.	1.8~7.0V	DIP8	TDA2822
99	CD2822CP	1W X 2 Dual Audio Power Amp.	1.8~12.0V	DIP8	TDA2822M
100	CD386CP	700mW Audio Power Amp.	4~12V	DIP8	LM386
101	CD4752CZ	11W X 2 Dual Audio Power Amp.	9~40V	TO-220-7	LM4752
102	CD6282CS	4.6W X 2 Dual Audio Power Amp.	6~15V	FSIP12	KIA6282
103	CD6283CS	4.6W X 2 Dual Audio Power Amp.	6~15V	FSIP12	KIA6283
104	CD7110CS	550mW Audio Power Amp.	9V(typ.)	SIP9	AN7110
105	CD7232CS	2.2W X 2 Dual Audio Power Amp.	3.5~12.0V	FSIP12	TA7232P
106	CD7313GS	500mW Audio Power Amp.	4~14V	SIP9	TA7313P
107	CD7331CS	300mW Audio Power Amp.	2~5V	SIP9	TA7331P
108	CD7368CS	700mW Audio Power Amp.	2~10V	SIP9	TA7368P
109	CD7499CS	6W X 2Dual Audio Power Amp.With Stand-by	±5~±18V	FSIP12	
110	CD7499CZ	14W X 2Dual Audio Power Amp.With Stand-by	±5~±18V	HZIP12	
111	CD8106CB	14mW X 2Dual Audio Power Amp.	0.9~5.0V	SOP16	TA8106F
112	CD8200CZ	13W X 2Dual Audio Power Amp.	10~37V	HZIP12	TA8200AH

No.	Part Number	Function	Voltage Range	Package	Ref.
113	CD8211CZ	6W X 2 Dual Audio Power Amp.With Mute Terminal	10~30V	HZIP12	TA8211AH
114	CD8227GP	2.5W X 2 Dual Audio Power Amp.	5~12V	HDIP12	TA8227P
115	CD8246CZ	6W X 2 Dual Audio Power Amp.	10~30V	HZIP12	TA8246H
116	CD8256CZ	6W X 3 Audio Power Amp.	10~30V	HZIP12	TA8256AH
117	CV203CZ	10W Audio Power Amp.	8~18V	TO-220-5	TDA2003
5. Level Meter LED Driver					
118	CD2281CP	5 Step Logarithm Dual LED Driver	6~12V	DIP16	TA7666P
119	CD2284CS	5 Points Single Level Meter LED Driver	3.5~16.0V	SIP9	KA2284
120	CD7366GS	5 Points Single Level Meter LED Driver	4~12V	SIP9	TA7366P
121	CD7666GP	5 Step Logarithm Dual LED Driver	6~12V	DIP16	TA7666P
122	CD7667GP	5 Step Logarithm Dual LED Driver	6~12V	DIP16	TA7667P
6. 1-Chip Recording & Playing					
123	CD4160CP	1-Chip Tape Recorder System	6~9V	FDIP14	LA4160
124	CD665CB	1-Chip Stereo Tape Recorder System	2~5V	SOP28	LAG665
125	CD668CB	1-Chip Stereo Tape Recorder System	2~5V	SOP28	LAG668
126	CD7628CP	1-Chip Tape Recorder System	3.5~9.0V	DIP16	TA7628HP
127	CD7738CP	1-Chip Tape Recorder System	3.5~9.0V	DIP16	TA7738P
7. 1-Chip Tuner System					
128	CD1191ACB	1-Chip FM Radio Tuner System	2.0~7.5V	SOP28	
129	CD1191CB	AM/FM 1-Chip Radio	2.0~7.5V	SOP28	CXA1191
130	CD1691CB	FM/AM 1-Chip Radio	2.0~7.5V	SOP28	CXA1691
131	CD1800CP	AM/FM 1-Chip Radio	2.5~5.0V	SDIP24	LA1800
132	CD2003CB CD2003GP	AM/FM 1-Chip Radio	1.8~7.0V	SOP16 DIP16	TA2003P
133	CD2111CB CD2111CP	FM/AM 1-Chip Stereo Radio	1.8~7.0V	SSOP24 SDIP24	TA2111BN
134	CD22429CB	1-Chip FM Radio Tuner System	1.8~6.0V	SOP16	KA22429
135	CD8122CB CD8122CP	AM/FM 1-Chip Stereo Tuner IC	1.8~7.0V	SSOP24 SDIP24	TA8122AN
136	CD8127CP	AM/FM1-Chip Stereo Tuner IC	1.8~7.0V	SDIP24	TA8127AN
137	CD9088CB	1-Chip FM Electrical Tuner IC	1.8~5.0V	SOP16	TDA7088
138	CD7613CP	AM/FM 1-Chip Radio with Power Amp.	3~13V	DIP16	TA7613AP

No.	Part Number	Function	Voltage Range	Package	Ref.
139	CD7642CS	1-Chip 1.5V AM Radio Tuner System	1.3~6.0V	TO-92	TA7642AP
140	CD7792CS	1.5V AM/FM 1-Chip Tuner System	1.5~3.0V	SOP16B	TA7792F
8. Radio					
141	CD1019CP	AM Tuner System for car Radio	7~15V	DIP20	DBL1019
142	CD1130CP	AM Tuner System	6.5~14.0V	ZIP16	LA1130
143	CD1140CP	FM Tuner System	6.5~14.0V	ZIP16	LA1140
144	CD7640GP	FM IF/AM Tuner System	3~18V	DIP16	TA7640AP
145	CD7687GP	FM IF/AM Tuner System	1.8~6.0V	DIP16	TA7687AP
146	CD8132GP	AM/FM IF + MPX (for Digital Tuner System)	1.8~8.0V	SDIP24	TA8132AN
9. Motor Drive,Speed Stabilizer					
147	CD1470CS	Motor Speed Stabilizer	6.3~16.0V	TO-126-4	μPC1470
148	CD1977ACB CD1977CB	Motor Control IC	1.8~5.0V	SSOP24 SOP24	LB1977
149	CD2092CP	4 Channel BTL Driver for CD Players	4~10V	SDIP24	TA2092AN
150	CD2402CP	Motor Speed Stabilizer	1.8~8.0V	DIP8	KA2402
151	CD5901CN	4 Channel BTL Driver for CD Players	1.5~8.0V	QFP44	BA5901
152	CD5954CB	4 Channel BTL Motor Driver	4.3~13.2V	HSOP28	BA5954
153	CD6208CB CD6208CS	Reversible Motor Driver	4.5~15.0V	SOP8 SIP9	BA6208F BA6208
154	CD6392CB	4 Channel BTL Driver for CD Players	6~16V	HSOP28	BA6392
155	CD6541CP	4 Channel BTL Driver for CD Players	5.6~13.0V	SDIP30	LA6541D
156	CD6650CP	Motor Speed Stabilizer	1.8~7.0V	DIP8	AN6650
157	CD6651CS	Motor Speed Stabilizer	3.5~14.4V	TO-126-4	AN6651
158	CD7291GS	Bridge Driver	4.5~20.0V	SIP9	TA7291P
159	CD9258CB	4 Channel BTL Driver for CD Players	6.0~13.2V	HSOP28	KA9258
160	CD9259CB	5 Channel BTL Driver for CD Players	6.0~13.2V	HSOP28	KA9259
10. The Others					
161	CD7101CB	ECL Prescaler for Digital Syntheside Tuner	1.8~5.5V	SOP8	TA7101F
162	CD7630GP	Dual Channels,Electronic Tone,Volume,Balance Control	8~14V ±4~±7V	DIP16	TA7630P
163	CD7796GP	5 Points Graphic Equalizer	4~16V	DIP16	TA7796P

Display ICs

No.	Part Number	Function	Voltage Range	Package	Ref.
1.ICs for B/W Displayer					
	CD1379CP	B/W TV Deflection System	12V(typ.)	FDIP16	μPC1379
164	CD1391CP	Horizontal Deflection		DIP8	MC1391
165	CD2037CP	Horizontal and Vertical Deflection System for Monitor	9.8V(typ.)	HDIP12	TEA2037A
	CD5151CP	1-Chip B/W TV Circuit	8~12V	DIP28	AN5151
2. Color Displayer					
166	CD3842CP	Switch Power Control Circuit	12~25V	DIP8	U3842B
	CW4605CP	Switch Power Control Circuit	7.5~15.0V	DIP8	TDA4605-3

Industrial Application ICs

No.	Part Number	Function	Voltage Range	Package	Ref.
167	CS4145LP	Leakage Current Protector		DIP8	RV4145
168	CD494LP	Fixed Frequency PWM		DIP16	TL494
169	CS54123CB CS54123CP CS54123CS	Leakage Current Protector	20~28V	SOP8 DIP8 SIP8	M54123L

Car Electronics ICs

No.	Part Number	Function	Voltage Range	Package	Ref.
170	CD2053CB	Voltage Regulator for Car	8~20V	SOP8B	MC2053
171	CS4213GP	Ignition Controller for Motorcycle(less than 125ml)	8~14V	DIP14	MB4213
172	CV1041EP	Flashing Lamp Controller for Motor Car	8~18V	DIP8	MC1041
173	CV243EP	Flashing Lamp Controller for Motor Car	8~18V	DIP8	U243B
174	CS2981CP	Ignition Controller for Motorcycle	8~14V	DIP24	ND2981

General ICs

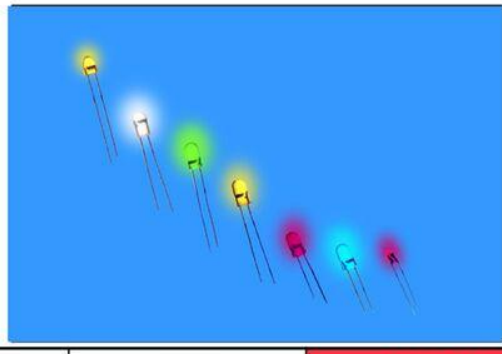
No.	Part Number	Function	Voltage Range	Package	Ref.
1. Voltage Regulator					
175	CW0521CS	2A 4-Terminals Voltage Regulator	6~12V	TO-220-4	PQ05RD21
176	CW0911CS	1A 4-Terminals Voltage Regulator	10~25V	TO-220-4	PQ09RD11
177	CW1117CZ	800mA Low-Dropout Linear Regulator	3~18V	SOT223	LM1117
178	CW431CS	Adjustable Reference(2.5~36V)	2.5~36.0V	TO-92	TL431
	CW5003CB	3V Reference	3.5~9.0V	SOP8	LA5003
179	CW78**CS	3-Terminals Positive Voltage Regulator Series (5~24V)	7.5~35.0V	TO-220	LM78**
180	CW78L**CS	3-Terminals Positive Voltage Regulator Series(5~24V)	7.5~35.0V	TO-92	μPC78L**M
2. Operational Amplifier					
181	CF324CP	Quad Operational Amp.	3~30V ±1.5~±15.0V	DIP14	ST324
182	CF358CB CF358CP	Dual Operational Amp.	3~30V ±1.5~±15.0V	SOP8 DIP8	LM358
183	CF4558CB CF4558GP	Dual Operational Amp.	3~36V ±1.5~±18.0V	SOP8 DIP8	NJM4558
184	CF4580CB CF4580CP	Dual Operational Amp.	±2v~±18V	SOP8 DIP8	NJM4580
185	CF5532CB CF5532CP	Dual Low-Noise Operational Amp.	±3~±20V	SOP8 DIP8	NE5532
186	CF6324LP	Qual Operational Amp.	3~30V ±1.5~±15.0V	DIP14	LA6324
187	CF741CP	Operational Amp.	±9V~±18V	DIP8	μA741
188	CF75558GP	Dual Operational Amp.	3~36V ±1.5~±18.0V	DIP8	TA75558P
3. The Others					
189	CB339CB CB339GP	Quad Operational Amp.	2~36V ±1.0~±18.0V	SOP14 DIP14	TA75339P
190	CB393CB CB393CP	Dual Operational Amp.	2~36V ±1.0~±18.0V	SOP8 DIP8	LM393
191	CB555CP	General Timer	5~15V	DIP8	NE555
192	CB75339GP	Quad Operational Amp.	2~36V ±1.0~±18.0V	DIP14	TA75339P
193	CL0201CB	Yarn Clearer IC	±12V	SOP16	
194	CL0202CB	Yarn Clearer IC	±12V	SOP16	
195	CW34063CP	DC/DC Converter		DIP8	MC34063

NAME		TYPE	CASE
SIDAC	1A	K105 TO K240(105V-240V)	(DO-15 Plastic case)
	3A	K220 TO K300(220V-300V)	(DO-201AD Plastic case)
ZENER DIODE	0.5W	2V0 TO 110V	(DO-35 BZX55C Series)
	0.5W	2V0 TO 110V	(DO-35 IN52 Series)
	0.5W	2V0 TO 36V	(DO-35 H Series)
	0.5W	2V4 TO 75V	(DO-35 BZX79C Series)
	0.5W	5V1 TO 51V	(DO-35 BZX55B Series)
	1W	3V3 TO 75V	(DO-41 IN47 Series)
	1W	3V3 TO 75V	(DO-41 BZV85C Series)
	1.3W	3V3 TO 75V	(DO-41 BZX85C Series)
	1.5W	4V3 TO 47V	(DO-41 BZX1.5C Series)
	2W	4V3 TO 47V	(DO-41 BZX2C Series)
	2W	4V7 TO 200V	(DO-41 Plastic Series)
	5W	4V7 TO 200V	(DO-201AD Plastic Series)
SMD ZENER DIODE(SMA)	1W	2V4 TO 200V	(DO-214AC Series)
	1.5W	2V4 TO 200V	(DO-214AC Series)
	2W	2V4 TO 200V	(DO-214AC Series)
SMD ZENER DIODE(SOD-323)	0.2W	2V4 TO 39V	(Series)
SMD ZENER DIODE(SOT-23)	0.225W	2V7 TO 47V	(SOT-23 BZX84C Series)
	0.225W	4V3 TO 47V	(SOT-23 MMBZ52 Series)
SMD ZENER DIODE(MICRO MELF)	0.5W	2V0 TO 75V	(LS-31 MCL55C Series)
	0.5W	2V7 TO 47V	(LS-31 ZMC/ZMC52 Series)
SMD ZENER DIODE(MINI MELF)	0.5W	2V0 TO 75V	(SOD-80C=LL-34 ZMM Series)
	0.5W	2V0 TO 75V	(SOD-80C=LL-34 ZMM52 B Series)
	0.5W	2V0 TO 75V	(SOD-80C=LL-34 LL55C Series)
	0.5W	2V0 TO 75V	(SOD-80C=LL-34 BZV55C Series)
	0.5W	2V2 TO 75V	(SOD-80C=LL-34 DL52 Series)
	0.5W	3V6 TO 39V	(SOD-80C=LL-34 LLZJ Series)
SMD ZENER DIODE(MELF)	1W	3V6 TO 51V	(LL-41 ZM47XX/ZMY Series)
	1.3W	3V9 TO 47V	(LL-41 ZM1.3C Series)
	1.5W	4V3 TO 47V	(LL-41 ZM1.5C Series)
	2W	4V3 TO 47V	(LL-41 ZM2C Series)
TVS DIODE	400W	P4KE6.8A TO P4KE440A	(DO-41)
	600W	P6KE6.8A TO P6KE440A	(DO-15)
	1500W	1.5KE6.8A TO 1.5KE440A	(DO-201AD)
	5000W	5KP5.0A TO 5KP180A	(R-6)
VARACTOR DIODE		1SS265	(DO-34/DO-35)
DIAC DIODE		DB3/DB4/DB6/DB120/BR100/03	(DO-35)
		BR100/04	
DIAC DIODE(MINI MELF)		LLDB3/LLDB4	(SOD-80C=LL-34)
SWITCHING DIODE		1N4148/1N4150/1N4448	(DO-35)
		1N914	(DO-35)
		BAV19/BAV20/BAV21	(DO-35)
		1SS83	(DO-35)
		1SS119/1SS254	(DO-34)
		1SS133/1SS244	(DO-34)

NAME		TYPE	CASE
SWITCHING DIODE (MICROMELF)		MCL4148	Micro melf
SWITCHING DIODE (MINI MELF)		LL4148/LL4150/LL4448/LL914 BAV100/BAV101/BAV102/BAV103 RLS245/RLS244	(SOD-80C=LL-34) (SOD-80C=LL-34) (SOD-80C=LL-34)
SCHOTTKY DIODE		SD101A-SD101C/SD103A-SD103C/ 1N6263 BAT42/BAT43/BAT48/BAT85 BAT86/RB441Q-40 1N60/1N60P/MA700/MA700A	(DO-35) (DO-35) (DO-35) (DO-35)
SMD SCHOTTKY DIODE (MICROMELF)		MCL101/MCL103	MICRO MELF
SMD SCHOTTKY DIODE (MINIMELF)		BAS85/BAS86/LL60/LL60P/LL101/ LL103 LL700/LL700A	(SOD-80C=LL-34) (SOD-80C=LL-34)
GERMANIUM DIODE		1N60/1N60P/1N34A	(DO-7 glass)
SMD ULTRAFAST RECT. DIODE	1A 2A 3A	US1A TO US1M US2A TO US2M US3A TO US3M	(SMA DO-214AC Plastic case) (SMB DO-214AA Plastic case) (SMC DO-214AB Plastic case)
ULTRAFAST RECTIFIER DIODE	1A 3A	UF4001 TO UF4007 UF5400 TO UF5408	(DO-41 Plastic case) (DO-201AD Plastic case)
SMD RECTIFIER DOODE	1A 1A	M1 TO M7 S1A TO S1M	(SMA=DO-214AC Plastic case) (SMA=DO-214AC Plastic case)
SMD RECTIFIER DIODE(MELF)	1A 1A	LL4001 TO LL4007 SM4001 TO SM4007	(MELF=DO-213AB Plastic case) (MELF=DO-213AB Plastic case)
RECTIFIER DIODE	1A 1A 1A 1A 1.5A 2A 2A 2.5A 3A 3A 6A 6A 10A	1N4001 TO 1N4007 1N4001G TO 1N4007G/BY133G EM513/EM516/EM518 1A1 TO 1A7 1N5391 TO 1N5399 RL201 TO RL207 2A01 TO 2A07 BY251 TO RL257 BY251 TO BY255 1N5400 TO1N5408 P600A/B/D/G/J/K/M 6A01 TO 6A10 10A01 TO 10A10	(DO-41 Plastic case) (DO-41 Plastic case) (DO-41 Plastic case) (R-1 Plastic case) (DO-15 Plastic case) (DO-15 Plastic case) (DO-15 Plastic case) (R-3 Plastic case) (DO-201AD=DO-27 Plastic case) (DO-201AD=DO-27 Plastic case) (R-6 Plastic case) (R-6 Plastic case) (R-6 Plastic case)
HIGH VOLTAGE RECTIFIER DIODE	0.1A 0.2A 0.5A 1.0A	PR1600/PR1800 R2000/R2500/R3000/R4000/R5000 R1200/R1500/R1800 EM513/EM516/EM518/EM520	(DO-41 Plastic case) (DO-41 Plastic case) (DO-41 Plastic case) (DO-41 Plastic case)
SMD FAST RECOVERY RECTIFIER DIODE	1A 2A 3A	RS1A TO RS1M RS2A TO RS2M RS3A TO RS3M	(SMA DO-214AC Plastic case) (SMB DO-214AA Plastic case) (SMC DO-214AB Plastic case)

NAME	TYPE		CASE
FAST RECOVERY RECTIFIER DIODE	1A	IN4933 TO IN4937	(DO-41 Plastic case)
	1A	BA157 TO BA159	(DO-41 Plastic case)
	1A	FR101 TO FR107	(DO-41 Plastic case)
	1.5A	FR151 TO FR157	(DO-15 Plastic case)
	2A	BY296 TO BY299	(DO-201AD=DO-27 Plastic case)
	2A	FR201 TO FR207	(DO-15 Plastic case)
	3A	BY396 TO BY399	(DO-201AD=DO-27 Plastic case)
	3A	FR301 TO FR307	(DO-201AD=DO-27 Plastic case)
	6A	FR601 TO FR607	(R-6 Plastic case)
SMD FAST RECOVERY RECTIFIER DIODE	1A	SM4933 TO SM4937	(MELF)
SUPER FAST RECOVERY RECTIFIER DIODE	1A	SF11 TO SF16	(DO-41 Plastic case)
	2A	SF21 TO SF26	(DO-15 Plastic case)
	3A	SF31 TO SF36	(DO-201AD Plastic case)
FAST RECOVERY RECTIFIER DIODE SINTERED GLASS JUNCTION	1A	RGP10A/B/D/G/J/K/M	(DO-41 Plastic case)
	1.5A	RGP15A/B/D/G/J/K/M	(DO-15 Plastic case)
SMD BRIDGE RECTIFIER DIODE	1A	SMD	DF005S/DF01S/DF02S/DF04S/ DF06S/DF08S/DF10S
	1A	SMD	DB101S/DB102S/DB103S/DB104S/ DB105S/DB106S/DB107S
BRIDGE RECTIFIER DIODE	0.5A		MB05S TO MB10S
	1A		DB101 TO DB107
	1A		DF005/DF01/DF02/DF04/DF06/DF08/DF10
	1.5A		RB151 TO RB157
	1.5A		W005/W01/W02/W04/W06/W08/W10
	1.5A		W005M/W01M/W02M/W04M/W06M/W10M
	2A		2W005/2W01/2W02/2W04/2W06/2W08/2W10
	2A		KBJ2005/KBJ201/KBJ202/KBJ204/KBJ206/KBJ208/KBJ210
	2A		RS201 TO RS207
	3A		BR305/BR31/BR32/BR34/BR36/BR38/BR310
	3A		KBPC1005/KBPC101/KBPC102/KBPC104/KBPC106/KBPC108/ KBPC110
	4A		KBL005/KBL01/KBL02/KBL04/KBL06//KBL08/KB10
	4A		KBU4A/B/D/G/J/K/M
	4A		KBL401/KBL402/KBL403/KBL404/KBL405/KBL406/KBL407
	4A		RS401L/RS402L/RS403L/RS404L/RS405L/RS406L/RS407L
	6A		KBPC6005/KBPC601/KBPC602/KBPC604/KBPC606/KBPC608/ KBPC610
	6A		KBU6A/B/D/G/J/K/M
	6A		RS601TO RS607
	6A		BR605/BR61/BR62/BR64/BR66/BR68/BR610
	8A		BR805/BR81/BR82/BR84/BR86/BR88/BR810

NAME	TYPE		CASE
BRIDGE RECTIFIER DIODE	8A		KBPC8005/KBPC801/KBPC802/KBPC804/ KBPC806/KBPC808/KBPC810
	8A		KBU8A/B/D/G/J/K/M
	8A		RS801 TO RS807
	10A		KBPC10005/KBPC1001/KBPC1002/KBPC1004/ KBPC1006/KBPC1008/KBPC1010
	10A		BR10005/BR1001/BR1002/BR1004/BR1006/ BR1008/BR1010
	15A		KBPC15005/KBPC1501/KBPC1502/KBPC1504/ KBPC1506/KBPC1508/KBPC1510
	25A		KBPC25005/KBPC2501/KBPC2502/KBPC2504/ KBPC2506/KBPC2508/KBPC2510
	35A		KBPC35005/KBPC3501/KBPC3502/KBPC3504/ KBPC3506/KBPC3508/KBPC3510
	50A		KBPC50005/IBPC5001/KBPC5002/KBPC5004/ KBPC5006/KBPC5008/KBPC5010
HIGH EFFICIENCY RECTIFIER DIODE	1A	HER101 TO HER107	(DO-41 Plastic case)
	1.5A	HER151 TO HER158	(DO-15 Plastic case)
	2A	HER201 TO HER208	(DO-15 Plastic case)
	3A	HER301 TO HER308	(DO-201AD=DO-27 Plastic case)
	6A	HER601 TO HER607	(DO-201AD=DO-27 Plastic case)
SMD SCHOTTKY RECTIFIER DIODE	1A	SK12 TO SK16	(SMA DO-214AC Plastic case)
	1A	SS12 TO SS16	(SMA DO-214AC Plastic case)
	1A	SS5817 TO SS5819	(SMA DO-214AC Plastic case)
	2A	SS22 TO SS26	(SMA DO-214AA Plastic case)
	3A	SS32 TO SS36	(SMA DO-214AB Plastic case)
	3A	SS5820 TO SS5822	(SMA DO-214AB Plastic case)
SCHOTTKY RECTIFIER DIODE (MINI MELF)	0.5A	LM5817 TO LM5819	
SMD SCHOTTKY RECTIFIER DIODE(MELF)	1A	LL5817 TO 5819	(MELF=DO213AB Plastic case)
	1A	SM5817 TO SM5819	(MELF=DO213AB Plastic case)
SCHOTTKY BARRIER RECTIFIER DIODE	1A	1N5817 TO 1N5819	(DO-41 Plastic case)
	1A	SB120 TO SB1100	(DO-41 Plastic case)
	2A	SB220 TO SB2B0	(DO-15 Plastic case)
	2A	SB204 TO SR20A	(DO-41 Plastic case)
	2A	SR220 TO SR2100	(DO-15 Plastic case)
	3A	1N5820 TO 1N5822	(DO-201AD=DO-27 Plastic case)
	3A	SB320 TO SB380	(DO-201AD=DO-27 Plastic case)
	5A	SB520 TO SB580	(DO-201AD=DO-27 Plastic case)
HIGH VOLTAGE RECTIFIER DIODE	5mA	2CL70 TO 2CL77(6KV-20KV)	(DO-41 Plastic case)
		2CL70A TO 2CL75A	(DO-41 Plastic case)
GAS DISCHARGE TUBES	2R	2R-70 TO 2R-600(70V-600V)	(2R ceramic case)
	3R	3R-70 TO 3R-500(70V-500V)	(3R ceramic case)



DIFFERENT COLOURS OF LED

03144PR	3MM	RED DIFFUSE COMMON BRIGHTNESS
03144EG	3MM	GREEN DIFFUSE COMMON BRIGHTNESS
03144HY	3MM	YELLOW DIFFUSE COMMON BRIGHTNESS
03141BC	3MM	WATER CLEAR BLUE COLOUR DIFFUSE COMMON BRIGHTNESS
05134PR	5MM	RED DIFFUSE COMMON BRIGHTNESS
05134EG	5MM	GREEN DIFFUSE COMMON BRIGHTNESS
05134HY	5MM	YELLOW DIFFUSE COMMON BRIGHTNESS
05131HR	5MM	WATER CLEAR RED COLOUR DIFFUSE COMMON BRIGHTNESS

3MM,5MM,8MM AND 10MM FOR SELECTION

OEM & ODM WELCOME

NOTE:

THERE ARE MANY DIFFRENT TYPES OF LED LAMP FOR SELECTION

ORDERING INSTRUCTION.

1. SIZE
2. COLOUR
3. DIFFUSE OR WATER CLEAR
4. BRIGHTNESS
5. WAVE LENGTH
6. LONG PIN OR SHORT PIN
7. OTHER SPECIAL REQUIREMENTS.

SERIES OF NEON LAMPS

NEON LAMP

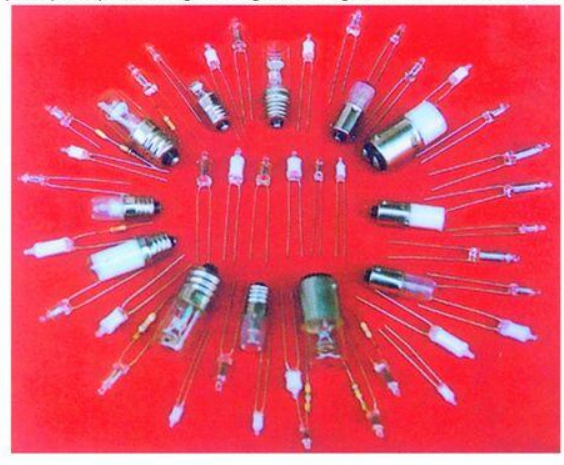
Neon lamp gives out orange colours.There are standard brightness,high brightness neon lamp and so on,which can be chosen by customers according to different requirements.

FLUORESCENT GLOW LAMP:

Fluorescent glow lamp can give out different lights colours because of various phosphor powders:green light,blue light and so on which is of customerÕs own accord.

COULD FURNISH TYPE:

Neon glow lamp
Fluorescent glow lamp
Plastic shell glow lamp
ND series of Neon lamps
NDL-xll series of fluorescent lamp
The Voltage indication neon lamp
The glow discharge lamp
Tape packing
The terminal crimping
Electric welding



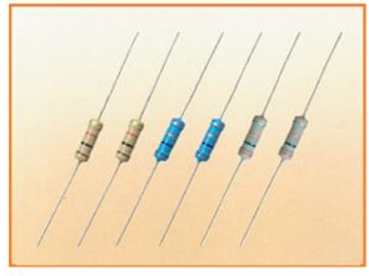
RT.RJ CARBON FILM.METAL FILM RESISTORS

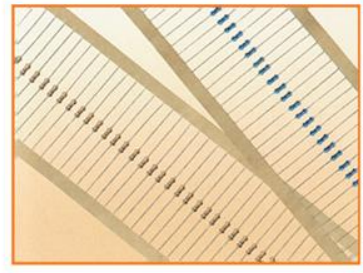
FEATURES:

All series of resistors
Standard tolerance:±5%
Strict quality control
Complete flame proof construction

COULD FURNISH POWER:

1/6W (1/8W) . 1/4W . 1/2W . 1W . 2W





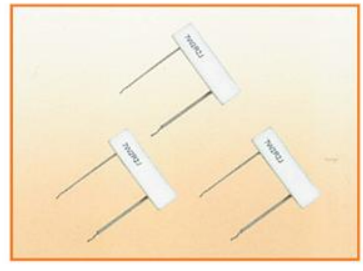
CEMENT RESISTORS

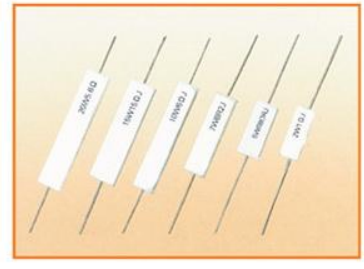
FEATURES:

Superior insulation,excellent flame proof.

COULD FURNISH POWER:

2W . 3W . 5W . 7W . 10W . 15W . 20W





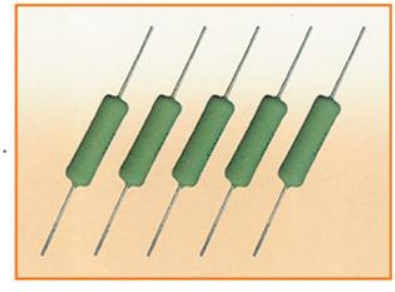
WIREWOUND COATING RESISTORS

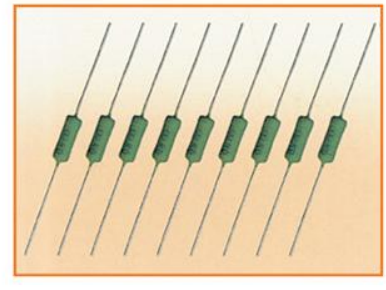
FEATURES:

Small in size,high power.

COULD FURNISH POWER:

1/2W . 1W . 2W . 3W . 4W . 5W . 6W . 8W . 10W . 12W .





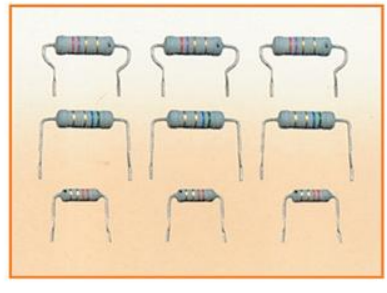
FUSING RESISTORS

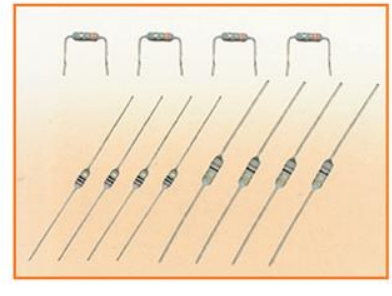
FEATURES:

It can be used as resistors under normal working conditions,or used as fuses in an unexpected overload circuits.

COULD FURNISH POWER:

1/4W . 1/2W . 1W . 2W





UT-58

Suitable for 1-4 pcs AA/AAA 1.2V,C,D,9V NI-Mh/Ni-Cd rechargeable battery
Six individual charging channels
Charge current:270MA for AA/AAA,C,D,30MA for 9V battery pack
Charge,discharge and test function
With timer,LED indication

UT-1258

Suitable for 1-4 pcs AA/AAA 1.2V and 1-2 pcs 9V NI-Mh/Ni-Cd rechargeable battery
Six individual charging channels

UT-1268

Suitable for 2/4 pcs AA/AAA 1.2V NI-Mh/Ni-Cd rechargeable battery
△ V control and over-heat protection
Car adapter avaliable
Built-in timer and discharge function
Automatically switching from charging to trickle charging in the end
Charge current:800MA for AA and 300MA for AAA battery

UT-98

Suitable for 1-4 pcs AA/AAA 1.2V,C,D,and 1-2 pcs 9V NI-Mh/Ni-Cd rechargeable battery
Six individual charging channels
△ V control and over-heat protection
Bad battery auto-detection
Built in microprocessor controller with auto stop function
Automatically switching from charging to trickle charging in the end
Charge, discharge and test function
Charge current:300MA for AA/AAA, C,D,30MA for 9V battery pack

UT-68

Suitable for 1-4 pcs AA/AAA 1.2V,C,D,9V NI-Mh/Ni-Cd rechargeable battery
Six individual charging channels
Charge current:270MA for AA/AAA,C,D,30MA for 9V battery pack
Charge,discharge and test function
With timer,LED indication

UT-1298

Low cost version
Suitable for 2/4 pcs AA/AAA 1.2V, NI-Mh/Ni-Cd rechargeable battery
LED indicating properly charge
Charge current:150MA for AA,80MA for AAA battery

UT-100

Suitable for 1-4 pcs AA/AAA 1.2V,C,D,and 1 pc 9v NI-Mh/Ni-Cd re-chargeable battery
Five individual charging channels
△ V control and over-heat protection
Bad battery auto-detection
Car adapter avaliable
Automatically switching from charging to trichle charging in the end
Built in universal adapter, suitbale for globle voltage input
LCD and LED disply indicating charge status
Max charing current:900 MA
Charging for all types rechargeable alkaline batteries(RAM cells)
Automatically discharging of NiCd-batteries(to avoid memory effect), charging starts automatic after discharging
Adapter with VDE plug ,GS-approved
Charge current:900MA for AA /AAA,CD,40 MA for 9V battery

UT-108

Suitable for 1-4 pcs AA/AAA 1.2V,4.8V(4*1.2V) battery pack & 1pc 9V NI-Mh/Ni-Cd rechargeable battery
Six individual charging channels
△ V control and over-heat protection
Bad battery auto-detection
Built in microprocessor controller with auto stop function
Outer switching power adapter and car adaper avaliable
Automatically switching from charging to trickle charging in the end
LCD and LED disply indicating charge status
Charge current:800MA for AA/AAA, 200MA for 4.8V battery pack and 30MA for 9V

NI-MH BATTERY SPECIFICATION

SIZE	Model No	Nominal Voltage (V)	Nominal Capacity (mAh)	Dimension With Tube		Standard Charge		Rapid Charge		Weight Approx. (g)
				Diameter (mm)	Height (mm)	Current (mA)	Time (h)	Current (mA)	Time (h)	
AAAAA	H-AAAAA160	1.2	160	6.8 $^{+0}_{-0.5}$	41.5 $^{+0}_{-1.0}$	16	16	160	1.2	4.6
	H-AAAAA200	1.2	200	6.8 $^{+0}_{-0.5}$	41.5 $^{+0}_{-1.0}$	20	16	200	1.2	5.0
	H-AAAAA220	1.2	220	6.8 $^{+0}_{-0.5}$	41.5 $^{+0}_{-1.0}$	22	16	220	1.2	5.2
AAAA	H-1/2AAAA160B	1.2	160	8.2 $^{+0}_{-0.5}$	21.0 $^{+0}_{-1.0}$	16	16	80	2.4	3.6
	H-AAAA300B	1.2	300	8.2 $^{+0}_{-0.5}$	36.0 $^{+0}_{-1.0}$	30	16	300	1.2	6.0
	H-AAAA450B	1.2	450	8.2 $^{+0}_{-0.5}$	50.0 $^{+0}_{-1.0}$	45	16	450	12	7.5
AAA	H-1/5AAA70	1.2	70	10.5 $^{+0}_{-0.7}$	10.5 $^{+0}_{-1.0}$	7	16	70	1.2	4.8
	H-1/4AAA80	1.2	80	10.5 $^{+0}_{-0.7}$	11.5 $^{+0}_{-1.0}$	8	16	80	1.2	5.0
	H-1/3AAA110	1.2	110	10.5 $^{+0}_{-0.7}$	15.5 $^{+0}_{-1.0}$	11	16	110	1.2	5.8
	H-1/3AAA120P	1.2	120	10.5 $^{+0}_{-0.7}$	15.5 $^{+0}_{-1.0}$	12	16	120	1.2	6.0
	H-1/3AAA150	1.2	150	10.5 $^{+0}_{-0.7}$	15.5 $^{+0}_{-1.0}$	15	16	150	1.2	6.2
	H-1/3AAA150P	1.2	150	10.5 $^{+0}_{-0.7}$	15.5 $^{+0}_{-1.0}$	15	16	150	1.2	6.2
	H-1/2AAA160	1.2	160	10.5 $^{+0}_{-0.7}$	18.5 $^{+0}_{-1.0}$	16	16	160	1.2	6.5
	H-1/2AAA180P	1.2	180	10.5 $^{+0}_{-0.7}$	18.5 $^{+0}_{-1.0}$	18	16	180	1.2	6.6
	H-1/2AAA220P	1.2	220	10.5 $^{+0}_{-0.7}$	22.0 $^{+0}_{-1.0}$	22	16	220	1.2	6.8
	H-1/2AAA250	1.2	250	10.5 $^{+0}_{-0.7}$	22.0 $^{+0}_{-1.0}$	25	16	250	1.2	7.0
	H-2/3AAA300	1.2	300	10.5 $^{+0}_{-0.7}$	29.0 $^{+0}_{-1.0}$	30	16	300	1.2	8.5
	H-3/5AAA450	1.2	450	10.5 $^{+0}_{-0.7}$	36.0 $^{+0}_{-1.0}$	45	16	450	1.2	9.5
	H-4/5AAA500	1.2	500	10.5 $^{+0}_{-0.7}$	38.0 $^{+0}_{-1.0}$	50	16	500	1.2	10.5
	H-AAA550A	1.2	550	10.5 $^{+0}_{-0.7}$	44.5 $^{+0}_{-1.0}$	50	16	500	1.2	11.5
	H-AAA600B	1.2	600	10.5 $^{+0}_{-0.7}$	43.0 $^{+0}_{-1.0}$	60	16	600	1.2	12.0
	H-AAA650P	1.2	650	10.5 $^{+0}_{-0.7}$	44.5 $^{+0}_{-1.0}$	65	16	650	2.4	12.2
	H-AAA700A	1.2	700	10.5 $^{+0}_{-0.7}$	44.5 $^{+0}_{-1.0}$	70	16	350	2.4	12.5
	H-AAA700B	1.2	700	10.5 $^{+0}_{-0.7}$	43.0 $^{+0}_{-1.0}$	70	16	350	4.0	12.5
	H-AAA800A	1.2	800	10.5 $^{+0}_{-0.7}$	44.5 $^{+0}_{-1.0}$	80	16	240	6.5	13.0
	H-AAA900A	1.2	900	10.5 $^{+0}_{-0.7}$	44.5 $^{+0}_{-1.0}$	90	16	180	1.2	13.5
	H-4/3AAA700	1.2	700	10.5 $^{+0}_{-0.7}$	50.5 $^{+0}_{-1.0}$	70	16	700	1.2	14.0
	H-4/3AAA800	1.2	800	10.5 $^{+0}_{-0.7}$	50.5 $^{+0}_{-1.0}$	80	16	800	1.2	14.0
	H-5/3AAA900	1.2	900	10.5 $^{+0}_{-0.7}$	67.0 $^{+0}_{-1.0}$	90	16	900	1.2	18.0
	H-5/3AAA1000	1.2	1000	10.5 $^{+0}_{-0.7}$	67.0 $^{+0}_{-1.0}$	100	16	1000	1.2	18.0
N	H-N350	1.2	350	12.0 $^{+0}_{-0.7}$	31.5 $^{+0}_{-1.0}$	35	16	350	1.2	10.0
	H-1/3N120	1.2	120	12.0 $^{+0}_{-0.7}$	17.0 $^{+0}_{-1.0}$	12	16	120	1.2	6.0
AA	H-1/3AA250	1.2	250	14.5 $^{+0}_{-0.7}$	17.0 $^{+0}_{-1.0}$	25	16	250	1.2	7.0
	H-1/3AA350	1.2	350	14.5 $^{+0}_{-0.7}$	17.0 $^{+0}_{-1.0}$	35	16	350	1.2	8.0
	H-1/2AA550	1.2	550	14.5 $^{+0}_{-0.7}$	24.5 $^{+0}_{-1.0}$	55	16	550	1.2	13.0
	H-2/3AA600	1.2	600	14.5 $^{+0}_{-0.7}$	29.0 $^{+0}_{-1.0}$	60	16	600	1.2	14.0
	H-2/3AA700	1.2	700	14.5 $^{+0}_{-0.7}$	29.0 $^{+0}_{-1.0}$	70	16	700	1.2	14.0
	H-4/5AA1100	1.2	1100	14.5 $^{+0}_{-0.7}$	43.0 $^{+0}_{-1.0}$	110	16	1100	1.2	22.0
	H-4/5AA1200	1.2	1200	14.5 $^{+0}_{-0.7}$	43.0 $^{+0}_{-1.0}$	120	16	1200	1.2	23.0
	H-4/5AA1300	1.2	1300	14.5 $^{+0}_{-0.7}$	43.0 $^{+0}_{-1.0}$	130	16	1300	1.2	23.0
	H-AA600A	1.2	600	14.5 $^{+0}_{-0.7}$	50.5 $^{+0}_{-1.0}$	60	16	600	1.2	19.0
	H-AA600H	1.2	600	14.5 $^{+0}_{-0.7}$	50.5 $^{+0}_{-1.0}$	60	16	---	---	19.0
	H-AA700A	1.2	700	14.5 $^{+0}_{-0.7}$	50.5 $^{+0}_{-1.0}$	70	16	700	1.2	20.0
	H-AA1100A	1.2	1100	14.5 $^{+0}_{-0.7}$	50.5 $^{+0}_{-1.0}$	110	16	1000	1.2	24.0
	H-AA1200A	1.2	1200	14.5 $^{+0}_{-0.7}$	50.5 $^{+0}_{-1.0}$	120	16	1200	1.2	25.0
	H-AA1200B	1.2	1200	14.5 $^{+0}_{-0.7}$	49.0 $^{+0}_{-1.0}$	120	16	1200	1.2	25.0
	H-AA1300A	1.2	1300	14.5 $^{+0}_{-0.7}$	50.5 $^{+0}_{-1.0}$	130	16	1300	1.2	26.0
	H-AA1300B	1.2	1300	14.5 $^{+0}_{-0.7}$	49.0 $^{+0}_{-1.0}$	130	16	1300	1.2	26.0
	H-AA1400A	1.2	1400	14.5 $^{+0}_{-0.7}$	50.5 $^{+0}_{-1.0}$	140	16	1400	1.2	27.0
	H-AA1400B	1.2	1400	14.5 $^{+0}_{-0.7}$	49.0 $^{+0}_{-1.0}$	140	16	1400	1.2	27.0
	H-AA1500A	1.2	1500	14.5 $^{+0}_{-0.7}$	50.5 $^{+0}_{-1.0}$	150	16	1500	1.2	27.0
	H-AA1600A	1.2	1600	14.5 $^{+0}_{-0.7}$	50.5 $^{+0}_{-1.0}$	160	16	1600	1.2	28.0
	H-AA1700A	1.2	1700	14.5 $^{+0}_{-0.7}$	50.5 $^{+0}_{-1.0}$	170	16	1700	1.2	28.0
	H-AA1700B	1.2	1700	14.5 $^{+0}_{-0.7}$	49.0 $^{+0}_{-1.0}$	170	16	1700	1.2	28.0
	H-AA1800A	1.2	1800	14.5 $^{+0}_{-0.7}$	50.5 $^{+0}_{-1.0}$	180	16	900	2.4	29.0
	H-AA1800B	1.2	1800	14.5 $^{+0}_{-0.7}$	50.0 $^{+0}_{-1.0}$	180	16	900	2.4	29.0

Note:A-High cap; B-Flat cap; P-High rate discharge; H-High temperature

NI-MH BATTERY SPECIFICATION

SIZE	Model No	Nominal Voltage (V)	Nominal Capacity (mAh)	Dimension With Tube		Standard Charge		Rapid Charge		Weight Approx. (g)
				Diameter (mm)	Height (mm)	Current (mA)	Time (h)	Current (mA)	Time (h)	
AA	H-AA2000A	1.2	2000	14.5 $^{+0}_{-0.7}$	50.5 $^{+0}_{-1.0}$	200	16	1000	2.4	30.0
	H-AA2000B	1.2	2000	14.5 $^{+0}_{-0.7}$	50.0 $^{+0}_{-1.0}$	200	16	1000	2.4	30.0
	H-AA2200A	1.2	2200	14.5 $^{+0}_{-0.7}$	50.5 $^{+0}_{-1.0}$	220	16	660	4	31.0
	H-AA2300A	1.2	2300	14.5 $^{+0}_{-0.7}$	50.5 $^{+0}_{-1.0}$	230	16	690	4	31.0
	H-AA2400A	1.2	2400	14.5 $^{+0}_{-0.7}$	50.5 $^{+0}_{-1.0}$	240	16	720	4	31.6
	H-AA2500A	1.2	2500	14.5 $^{+0}_{-0.7}$	50.5 $^{+0}_{-1.0}$	250	16	750	4	31.6
	H-AA2600A	1.2	2600	14.5 $^{+0}_{-0.7}$	50.5 $^{+0}_{-1.0}$	260	16	780	4	33.0
A	H-2/3A1000P	1.2	1000	17.0 $^{+0}_{-0.7}$	28.0 $^{+0}_{-1.0}$	100	16	1000	1.2	21.0
	H-2/3A1100	1.2	1100	17.0 $^{+0}_{-0.7}$	28.0 $^{+0}_{-1.0}$	110	16	1100	1.2	22.0
	H-4/5A1800	1.2	1800	17.0 $^{+0}_{-0.7}$	43.0 $^{+0}_{-1.0}$	180	16	1800	1.2	32.0
	H-4/5A1900	1.2	1900	17.0 $^{+0}_{-0.7}$	43.0 $^{+0}_{-1.0}$	190	16	950	2.4	33.0
	H-A1800	1.2	1800	17.0 $^{+0}_{-0.7}$	50.0 $^{+0}_{-1.0}$	180	16	1800	1.2	34.0
	H-A2100	1.2	2100	17.0 $^{+0}_{-0.7}$	50.0 $^{+0}_{-1.0}$	210	16	2100	1.2	35.0
	H-A2300	1.2	2300	17.0 $^{+0}_{-0.7}$	50.0 $^{+0}_{-1.0}$	230	16	2300	1.2	36.0
	H-4/3A3000	1.2	3000	17.0 $^{+0}_{-0.7}$	50.0 $^{+0}_{-1.0}$	300	16	3000	1.2	49.0
	H-4/3A3800	1.2	3800	17.0 $^{+0}_{-0.7}$	67.0 $^{+0}_{-1.0}$	380	16	1900	2.4	52.0
18670	H-18670/4000	1.2	4000	18.5 $^{+0}_{-0.7}$	67.0 $^{+0}_{-1.0}$	400	16	2000	2.4	62.0
	H-18670/4200	1.2	4200	18.5 $^{+0}_{-0.7}$	67.0 $^{+0}_{-1.0}$	420	16	2100	2.4	63.0
	H-18670/4500	1.2	4500	18.5 $^{+0}_{-0.7}$	67.0 $^{+0}_{-1.0}$	450	16	2100	2.4	66.0
SC	H-2/3SC1200P	1.2	1200	23.0 $^{+0}_{-1.0}$	26.5 $^{+0}_{-1.0}$	120	16	1200	1.2	36.0
	H4/5SC1800P	1.2	1800	23.0 $^{+0}_{-1.0}$	34.0 $^{+0}_{-1.0}$	180	16	1800	1.2	43.0
	H-SC2200P	1.2	2200	23.0 $^{+0}_{-1.0}$	43.0 $^{+0}_{-1.0}$	220	16	2200	1.2	56.0
	H-SC2500P	1.2	2500	23.0 $^{+0}_{-1.0}$	43.0 $^{+0}_{-1.0}$	250	16	2500	1.2	58.0
	H-SC2500H	1.2	2500	23.0 $^{+0}_{-1.0}$	43.0 $^{+0}_{-1.0}$	250	16			58.0
	H-SC3000	1.2	3000	23.0 $^{+0}_{-1.0}$	43.0 $^{+0}_{-1.0}$	300	16	3000	1.2	60.0
	H-SC3000P	1.2	3000	23.0 $^{+0}_{-1.0}$	43.0 $^{+0}_{-1.0}$	300	16	3000	1.2	60.0
	H-SC3300	1.2	3300	23.0 $^{+0}_{-1.0}$	43.0 $^{+0}_{-1.0}$	330	16	3300	1.2	62.0
	H-SC3500	1.2	3500	23.0 $^{+0}_{-1.0}$	44.0 $^{+0}_{-1.0}$	350	16	3500	1.2	64.0
	H-SC3600	1.2	3600	23.0 $^{+0}_{-1.0}$	44.0 $^{+0}_{-1.0}$	360	16	3600	1.2	65.5
C	H-C1500A	1.2	1500	25.8 $^{+0}_{-1.0}$	51.0 $^{+0}_{-1.0}$	150	16	1500	1.2	42.0
	H-C1800A	1.2	1800	25.8 $^{+0}_{-1.0}$	51.0 $^{+0}_{-1.0}$	180	16	1800	1.2	43.0
	H-C3000A	1.2	3000	25.8 $^{+0}_{-1.0}$	51.0 $^{+0}_{-1.0}$	300	16	3000	1.2	70.0
	H-C3000B	1.2	3000	25.8 $^{+0}_{-1.0}$	50.0 $^{+0}_{-1.0}$	300	16	3000	1.2	70.0
	H-C3500A	1.2	3500	25.8 $^{+0}_{-1.0}$	51.0 $^{+0}_{-1.0}$	350	16	3500	1.2	73.0
	H-C4000B	1.2	4000	25.8 $^{+0}_{-1.0}$	50.0 $^{+0}_{-1.0}$	400	16	4000	1.2	80.0
	H-C4500A	1.2	4500	25.8 $^{+0}_{-1.0}$	51.0 $^{+0}_{-1.0}$	450	16	2250	2.4	85.0
D	H-1/2D4000	1.2	4000	33.0 $^{+0}_{-1.0}$	36.5 $^{+0}_{-1.0}$	450	16	4000	1.2	88.0
	H-D1500A	1.2	1500	33.0 $^{+0}_{-1.0}$	61.5 $^{+0}_{-1.0}$	150	16	1500	1.2	78.0
	H-D2000A	1.2	2000	33.0 $^{+0}_{-1.0}$	61.5 $^{+0}_{-1.0}$	200	16	2000	1.2	79.0
	H-D2500A	1.2	2500	33.0 $^{+0}_{-1.0}$	61.5 $^{+0}_{-1.0}$	250	16	2500	1.2	80.0
	H-D3000A	1.2	3000	33.0 $^{+0}_{-1.0}$	61.5 $^{+0}_{-1.0}$	300	16	3000	1.2	81.0
	H-D7000B	1.2	7000	33.0 $^{+0}_{-1.0}$	60.5 $^{+0}_{-1.0}$	700	16	7000	1.2	145.0
	H-D8000A	9	8000	33.0 $^{+0}_{-1.0}$	61.5 $^{+0}_{-1.0}$	800	16	8000	1.2	155.0
	H-D8500B	9	8500	33.0 $^{+0}_{-1.0}$	60.5 $^{+0}_{-1.0}$	850	16	4250	2.4	155.0
	H-D9000A	9	9000	33.0 $^{+0}_{-1.0}$	61.5 $^{+0}_{-1.0}$	900	16	4500	2.4	160.0
9V	H-9V 120	9	120	17.5(T)X26.0(W)X48.8(H)		12	16	60	2.4	36.0
	H-9V 150	9	150	17.5(T)X26.0(W)X48.8(H)		15	16	75	2.4	36.0
	H-9V 160	9	160	17.5(T)X26.0(W)X48.8(H)		16	16	80	2.4	37.0
	H-9V 180	1.2	180	17.5(T)X26.3(W)X48.8(H)		18	16	90	2.4	43.0
	H-9V 200	1.2	200	17.5(T)X26.3(W)X48.8(H)		20	16	100	2.4	45.0
	H-9V 220	1.2	220	17.5(T)X26.3(W)X48.8(H)		22	16	110	2.4	45.0
F	H-F12000	1.2	12000	33.0 $^{+0}_{-1.0}$	90.5 $^{+0}_{-1.0}$	1200	16	6000	2.4	225.0
	H-F13000	1.2	13000	33.0 $^{+0}_{-1.0}$	90.5 $^{+0}_{-1.0}$	1300	16	6500	2.4	235.0
	H-F14000	1.2	14000	33.0 $^{+0}_{-1.0}$	90.5 $^{+0}_{-1.0}$	1400	16	7000	2.4	245.0

Note:A-High cap; B-Flat cap; P-High rate discharge; H-High temperature

NI-CD BATTERY SPECIFICATION

SIZE	Model No	Nominal Voltage (V)	Nominal Capacity (mAh)	Dimension With Tube		Standard Charge		Rapid Charge		Weight Approx. (g)
				Diameter (mm)	Height (mm)	Current (mA)	Time (h)	Current (mA)	Time (h)	
AAA	D-1/4AAA40	1.2	40	10.5	11.5	4	16	40	1.5	2.2
	D-1/3AAA60	1.2	60	10.5	15.5	6	16	60	1.5	3.0
	D-1/3AAA80	1.2	80	10.5	15.5	8	16	80	1.5	3.0
	D-2/3AAA200	1.2	200	10.5	29.0	20	16	200	1.5	6.0
	D-2/3AAA250	1.2	250	10.5	29.0	25	16	250	1.5	6.0
	D-AAA300A	1.2	300	10.5	44.5	30	16	350	1.5	11.0
	D-AAA300B	1.2	300	10.5	43.0	30	16	300	1.5	12.0
	D-AAA400A	1.2	400	10.5	44.5	40	16	400	1.5	14.0
N	D-N350	1.2	350	12.0	31.5	35	16	350	1.5	9.0
AA	D-1/3AA180	1.2	180	14.5	17.0	18	16	180	1.5	9.0
	D-2/3AA300	1.2	300	14.5	29.0	30	16	300	1.5	13.0
	D-2/3AA400	1.2	400	14.5	29.0	40	16	400	1.5	14.0
	D-4/5AA600	1.2	600	14.5	43.0	60	16	600	1.5	19.0
	D-4/5AA700	1.2	700	14.5	43.0	70	16	700	1.5	20.0
	D-AA500A	1.2	500	14.5	50.5	50	16	500	1.5	18.0
	D-AA600A	1.2	500	14.5	50.5	50	16	500	1.5	19.0
	D-AA600B	1.2	600	14.5	49.0	60	16	600	1.5	19.0
	D-AA600H	1.2	600	14.5	50.5	60	16	—	—	19.0
	D-AA700A	1.2	700	14.5	50.5	70	16	700	1.5	20.0
	D-AA700B	1.2	700	14.5	49.0	70	16	700	1.5	20.0
	D-AA800B	1.2	800	14.5	49.0	80	16	800	1.5	21.0
	D-AA900A	1.2	900	14.5	50.5	90	16	900	1.5	23.0
	D-AA900H	1.2	900	14.5	50.5	90	16	—	—	23.0
	D-AA1000A	1.2	1000	14.5	50.5	100	16	500	2.5	24.0
	D-AA1000B	1.2	1000	14.5	49.0	100	16	500	2.5	24.0
	D-AA1100A	1.2	1100	14.5	50.5	110	16	550	2.5	25.0
	D-4/3AA1100	1.2	1100	14.5	65.5	110	16	1100	1.5	30.0
	D-4/3AA1200	1.2	1200	14.5	65.5	120	16	1200	1.5	31.0
A	D-2/3A600	1.2	600	17.0	28.0	60	16	600	1.5	20.0
	D-2/3A700	1.2	700	17.0	28.0	70	16	700	1.5	21.0
	D-4/5A1100	1.2	1100	17.0	43.0	110	16	1100	1.5	27.0
	D-4/3A1200	1.2	1200	17.0	43.0	120	16	1200	1.5	28.0
	D-A1300	1.2	1300	17.0	50.0	130	16	1300	1.5	32.0
	D-A1400	1.2	1400	17.0	50.0	140	16	1400	1.5	32.0
SC	D-2/3SC600P	1.2	600	23.0	26.5	60	16	600	1.5	25.0
	D-2/3SC700P	1.2	700	23.0	26.5	70	16	700	1.5	25.0
	D-4/5SC1100P	1.2	1100	23.0	34.0	110	16	1100	1.5	40.0
	D-4/5SC1200P	1.2	1200	23.0	34.0	120	16	1200	1.5	41.0
	D-SC1200H	1.2	1200	23.0	43.0	120	16	—	—	45.0
	D-SC1300P	1.2	1300	23.0	43.0	130	16	1300	1.5	46.0
	D-SC1500P	1.2	1500	23.0	43.0	150	16	1500	1.5	48.0
	D-SC1500H	1.2	1500	23.0	43.0	150	16	—	—	48.0
	D-SC1700P	1.2	1700	23.0	43.0	170	16	1700	1.5	49.0
	D-SC1800	1.2	1800	23.0	43.0	180	16	1800	1.5	49.0
	D-SC1900P	1.2	1900	23.0	43.0	190	16	1900	1.5	50.0
	D-SC2000P	1.2	2000	23.0	43.0	200	16	1000	2.5	50.0
	D-SC2100	1.2	2100	23.0	43.0	210	16	1050	2.5	51.0
	D-SC2200	1.2	2200	23.0	43.0	220	16	1100	2.5	51.0
	D-4/3SC2200P	1.2	2200	23.0	50.0	220	16	1100	2.5	56.0
C	D-C1200A	1.2	1200	25.8	51.0	120	16	1200	1.5	56.0
	D-C1500A	1.2	1500	25.8	51.0	150	16	1500	1.5	56.0
	D-C2000A	1.2	2000	25.8	51.0	200	16	2000	1.5	65.0
	D-C2000B	1.2	2200	25.8	50.0	200	16	2000	1.5	65.0
	D-C2500A	1.2	2500	25.8	51.0	250	16	2500	1.5	70.0
	D-C2500B	1.2	2500	25.8	50.0	250	16	2500	1.5	70.0
	D-C2500H	1.2	2500	25.8	50.0	250	16	—	—	70.0
	D-C3000A	1.2	3000	25.8	50.0	300	16	1500	2.5	75.0
D	D-1/2D2200	1.2	2200	33.0	36.5	220	16	1100	2.5	70.0
	D-1/2D2400	1.2	2400	33.0	36.5	240	16	2400	1.5	74.0
	D-D1200A	1.2	1200	33.0	61.5	120	16	1200	1.5	62.0
	D-D1500A	1.2	1500	33.0	61.5	150	16	1500	1.5	68.0
	D-D2000A	1.2	2000	33.0	61.5	200	16	2000	1.5	90.0
	D-D3500A	1.2	3500	33.0	61.5	350	16	3500	1.5	130.0
	D-D4000A	1.2	4000	33.0	61.5	400	16	4000	1.5	135.0
	D-D4000B	1.2	4000	33.0	60.5	400	16	4000	1.5	135.0
	D-D4000H	1.2	4000	33.0	60.5	400	16	—	—	135.0
	D-D4500A	1.2	4500	33.0	61.5	450	16	4500	1.5	140.0
	D-D4500B	1.2	4500	33.0	60.5	450	16	4500	1.5	140.0
	D-D4500H	1.2	4500	33.0	60.5	450	16	—	—	140.0
	D-D5000A	1.2	5000	33.0	61.5	500	16	5000	1.5	145.0
	D-D5000B	1.2	5000	33.0	60.5	500	16	5000	1.5	145.0
	D-D5500	1.2	5500	33.0	61.5	550	16	2750	2.5	148.0
	D-3/2D7000	1.2	7000	33.0	90.5	700	16	3500	2.5	195.0
	D-3/2D7000H	1.2	7000	33.0	90.5	700	16	3500	2.5	195.0
	D-3/2D8000	1.2	8000	33.0	90.5	800	16	4000	2.5	195.0
	D-3/2D9000	1.2	9000	33.0	90.5	900	16	4500	2.5	195.0
9V	D-9V 120	9	120	17.5(T)X26.0(W)X48.8(H)		12	16	36	4	38.0

Note:A-High cap; B-Flat cap; P-High rate discharge; H-High temperature

Model No	Dimension			Capacity	Imdependance	Voltage	Weight
	Thickness (mm)	Width (+0.0/-0.5)mm	Height	Nominal (mAh)	MΩ	Nominal (V)	Approx. (g)
032035A	$3.9^{+0.0}_{-0.4}$	20.0	34.5±0.3	150	<150	3.7	5.6
033450AT	$3.6^{+0.0}_{-0.4}$	34.0	49.5±0.3	520	40-80	3.7	13.14
033450AL	$3.9^{+0.0}_{-0.3}$	34.0	$49.3^{+0.0}_{-0.5}$	550	40-80	3.7	14.05
033450AB	$3.9^{+0.0}_{-0.3}$	34.0	$49.3^{+0.0}_{-0.5}$	520	40-80	3.7	13.1
033450A	$3.9^{+0.0}_{-0.3}$	34.0	$49.3^{+0.0}_{-0.5}$	600	40-80	3.7	14.75
033448A	$3.9^{+0.0}_{-0.3}$	34.0	47.5±0.3	580	40-80	3.7	14.35
033048A	$4.0^{+0.0}_{-0.4}$	30.0	47.5±0.3	500	40-80	3.7	12.0
043048AL	$4.1^{+0.0}_{-0.3}$	30.0	47.5±0.3	530	30-80	3.7	12.77
043048AT	$4.2^{+0.0}_{-0.2}$	30.0	$48.0^{+0.0}_{-0.5}$	560	30-80	3.7	13.85
043048A	$4.4^{+0.0}_{-0.3}$	30.0	47.5±0.3	600	30-80	3.7	14.5
043450A	$4.4^{+0.0}_{-0.4}$	34.0	49.4±0.3	720	40-80	3.7	16.5
043450AL	$4.4^{+0.0}_{-0.4}$	34.0	49.4±0.3	650	40-80	3.7	16.0
053436A	$5.2^{+0.0}_{-0.4}$	34.0	35.4±0.3	600	30-80	3.7	13.6
053455A	$5.0^{+0.0}_{-0.2}$	34.0	55.4±0.3	900	30-80	3.7	19.5
052246A	$5.6^{+0.0}_{-0.2}$	22.0	44.4±0.3	450	40-80	3.7	12.31
052248A	$5.6^{+0.0}_{-0.2}$	22.0	47.4±0.3	500	40-80	3.7	12.7
053040A	$5.3^{+0.0}_{-0.3}$	30.0	39.4±0.3	550	30-80	3.7	13.6
053048A	$5.4^{+0.0}_{-0.4}$	30.0	47.4±0.3	700	30-70	3.7	17.5
053048AH	$5.4^{+0.0}_{-0.4}$	30.0	47.4±0.3	800	30-70	3.7	18.0
053450A	$5.4^{+0.0}_{-0.4}$	34.0	49.4±0.3	900	30-80	3.7	19.5
053450AL	$5.4^{+0.0}_{-0.4}$	34.0	49.4±0.3	850	30-80	3.7	19.1
063048A	$6.4^{+0.0}_{-0.3}$	30.0	47.4±0.3	850	30-70	3.7	19.0
063048AL	$6.4^{+0.0}_{-0.3}$	30.0	47.4±0.3	780	30-70	3.7	18.7
063048AH	$6.4^{+0.0}_{-0.3}$	30.0	47.4±0.3	900	30-70	3.7	25.5
063048AB	$6.4^{+0.0}_{-0.3}$	30.0	47.4±0.3	710	30-70	3.7	17.5
063448A	$6.4^{+0.0}_{-0.3}$	34.0	47.5±0.3	950	30-70	3.7	23.5
063465A	$6.6^{+0.0}_{-0.4}$	34.0	64.4±0.3	1250	30-70	3.7	28.5
063450AR	$6.4^{+0.0}_{-0.4}$	34.0	49.4±0.3	950	30-70	3.7	23.0
063450ARH	$6.4^{+0.0}_{-0.4}$	34.0	49.4±0.3	1050	30-70	3.7	23.74
073048A	$7.5^{+0.0}_{-0.3}$	30.0	47.4±0.3	950	30-70	3.7	23.1
073448A	$7.6^{+0.0}_{-0.3}$	34.0	47.4±0.3	1100	30-70	3.7	27.3
083448A	$8.5^{+0.0}_{-0.5}$	34.0	47.5±0.3	1200	30-70	3.7	28.0
103450AR	$10.5^{+0.0}_{-0.4}$	34.0	$50.0^{+0.0}_{-0.5}$	1800	30-70	3.7	41.2
103450ARL	$10.3^{+0.0}_{-0.4}$	34.0	49.0±0.3	1650	30-70	3.7	36.2

Note:A-High cap; B-Flat cap; P-High rate discharge; H-High temperature

KTX-50A

KXT-50A-AC/AC converter(50W)

Input voltage:220/240Volts or 110/120Volts AC

Outp voltage:110/120Volts or 220/240Volts AC

Pack:Individual color giftbox

Model	Pcs.Per Exp.Ctn	N.W (KG)	G.W (KG)	Measurement (cm)
KXT-50A	60	20	21	37x31x29.5

KTX-50

KXT-50-AC/AC converter(50W)

Input voltage:220/240Volts or 110/120Volts AC

Outp voltage:110/120Volts or 220/240Volts AC

Pack:Individual color giftbox

Model	Pcs.Per Exp.Ctn	N.W (KG)	G.W (KG)	Measurement (cm)
KXT-50	60	20	21	37x31x29.5

KTX-100

KXT-100-AC/AC converter(100W)

Input voltage:220/240Volts or 110/120Volts AC

Outp voltage:110/120Volts or 220/240Volts AC

Pack:Individual color giftbox

Model	Pcs.Per Exp.Ctn	N.W (KG)	G.W (KG)	Measurement (cm)
KXT-100	20	13	14	43.5x24x17

KTX-150

KXT-150-AC/AC converter(150W)

Input voltage:220/240Volts or 110/120Volts AC

Outp voltage:110/120Volts or 220/240Volts AC

*with power ON/OFF switch

Pack:Individual color giftbox

Model	Pcs.Per Exp.Ctn	N.W (KG)	G.W (KG)	Measurement (cm)
KXT-150	20	20	21	48.5x30x18.5

KTX-200

KXT-200-AC/AC converter(200W)

Input voltage:220/240Volts or 110/120Volts AC

Outp voltage:110/120Volts or 220/240Volts AC

*with power ON/OFF switch

Pack:Individual color giftbox

Model	Pcs.Per Exp.Ctn	N.W (KG)	G.W (KG)	Measurement (cm)
KXT-200	20	20	21	48.5x30x18.5

SINGLE VOLTAGE AC/DC ADAPTER

KTX-3513

Non-Regulated Models(maximum power is 2.4VA)

Model	Output Voltage(V)	Output Current(mA)	Pcs.Per Exp.Ctn	N.W (KG)	G.W (KG)	Measurement (cm)
KXT-3513/010	3	300	100	18	19	44x27x34
KXT-3513/011	4.5	400	100	18	19	44x27x34
KXT3513/012	6	400	100	18	19	44x27x34
KXT3513/013	9	200	100	18	19	44x27x34
KXT3513/014	12	200	100	18	19	44x27x34

Non-Regulated Models(maximum power is12.15VA)

Model	Output Voltage(V)	Output Current(mA)	Pcs.Per Exp.Ctn	N.W (KG)	G.W (KG)	Measurement (cm)
KXT-4830/010	3	1500	50	24	25	49.5x32.5x20
KXT-4830/011	4.5	1500	50	24	25	49.5x32.5x20
KXT-4830/012	5	2000	50	24	25	49.5x32.5x20
KXT-4830/013	6	1000	50	24	25	49.5x32.5x20
KXT-4830/014	6	1500	50	24	25	49.5x32.5x20
KXT-4830/015	7.5	900	50	24	25	49.5x32.5x20
KXT-4830/016	9	800	50	24	25	49.5x32.5x20
KXT-4830/017	9	1200	50	24	25	49.5x32.5x20
KXT-4830/018	12	500	50	24	25	49.5x32.5x20
KXT-4830/019	12	900	50	24	25	49.5x32.5x20
KXT-4830/020	13.5	900	50	24	25	49.5x32.5x20
KXT-4830/021	15	600	50	24	25	49.5x32.5x20
KXT-4830/022	18	600	50	24	25	49.5x32.5x20

KTX-4830

UNIVERSAL AC/DC ADAPTER

KTX-300A

KTX-500A

KTX-1000A

3.KXT300A(KXT500A;KT1000A)-plug-in adapter

Input voltage;110V or 110/220AC

Selectable output voltage:3.0/4.5/6.0/7.5/9.0/12V DC

(KXT300A,KXT500A,KXT1000A)

Pack:Individual color giftbox

Model	Pcs.Per Exp.Ctn	N.W (KG)	G.W (KG)	Measurement (cm)	CBM
KXT-300A	100	20	21	41.5x27x36	0.040
KXT-500A	100	23	24	41.5x27x36	0.040
KXT-1000A	50	18	19	41.5x35.5x20.5	0.051

SINGLE VOLTAGE AC/DC ADAPTER

980-19B

Non-Regulated Models(maximum power is 20VA)

Model	Output Voltage(V)	Output Current(mA)	Pcs.Per Exp.Ctn	N.W (KG)	G.W (KG)	Measurement (cm)
980-19B/010	9	1500	30	15	16	45.5x32x14
980-19B/011	12	1500	30	15	16	45.5x32x14
980-19B/012	24	500	30	15	16	45.5x32x14

AC/AC VOLTAGE CONVERTER

KXT4825

KXT4825 AC/AC Converter 6w
Input:220V/240V 50Hz
Output:2X12V AC 500mA

Pack:Individual color giftbox

Model	Output Voltage(V)	Output Current(mA)	Pcs.Per Exp.Ctn	N.W (KG)	G.W (KG)	Measurement (cm)
KXT4825/010	2x12	500	40	20	21	32.5x27.5x38
KXT4825/011	2x9	700	40	20	21	32.5x27.5x38
KXT4825-012	2x6	800	40	20	21	32.5x27.5x38

XYB-208BA

XYB-208BA AC/AC Converter 60W
Input:220V/240V 50Hz
Output:2X12vAC 5000mA

Pack:Individual color giftbox

Model	Output Voltage(V)	Output Current(mA)	Pcs.Per Exp.Ctn	N.W (KG)	G.W (KG)	Measurement (cm)
XYB-208BA	12	5000	60	16	17	32.5x27.5x38

STEP UP & DOWN TRANSFORMER

TC-300A

This kind of product is designed for the electrical appliances with voltage of AC 110/120V used in the area of AC 220/240V voltage area.or AC 220/240V voltage use in the area of AC110/220V voltage.They are to your requirements (including socket,plug,hook etc)from 100WATTS to 5000WATTS.

Pack:Individual giftbox

Model	Maximum power	Pcs.Per Exp.Ctn	N.W (KG)	G.W (KG)	Measurement (cm)	CBM
TC100A	100W	16	18	21	44x25x18	0.020
TC200A	200W	16	25	28	46x26x18	0.022
TC300A	300W	8	19	22	27x27x12	0.016
TC500A	500W	8	24	27	29x27x22	0.017
TC750A	750W	6	25	28	39x34x14	0.019
TC1000A	1000W	4	29	32	37x32x17	0.020
TC1500A	1500W	2	17	20	36x19.5x18	0.013
TC2000A	2000W	1	12	13	19x17x17	0.0055
TC3000A	3000W	1	14	15	22x17x17	0.0064
TC4000A	4000W	1	15	17	21x17.5x17	0.0062
TC5000A	5000W	1	17	19	21x17.5x17	0.0062

SINGLE VOLTAGE AC/DC ADAPTER

KXT5730

Non-Regulated Models(maximum power is 24VA)

Model	Output Voltage(V)	Output Current(mA)	Pcs.Per Exp.Ctn	N.W (KG)	G.W (KG)	Measurement (cm)
KXT5730/010	12	2000	20	19	20	41.5x36x13
KXT5730/011	15	1500	20	19	20	41.5x36x13
KXT5730/012	18	1200	20	19	20	41.5x36x13
KXT5730/013	24	1000	20	19	20	41.5x36x13

Non-Regulated Models(maximum power is 60VA)

Model	Output Voltage(V)	Output Current(mA)	Pcs.Per Exp.Ctn	N.W (KG)	G.W (KG)	Measurement (cm)
KXT6645/010	12	5500	12	16	17	32.5x32.5x25
KXT6645/011	24	2500	12	16	17	32.5x32.5x25
KXT6645/012	36	1800	12	16	17	32.5x32.5x25
KXT6645/013	48	1200	12	16	17	32.5x32.5x25

KXT6645

UNIVERSAL AC/DC ADAPTER

KXT4830A

Non-Regulated Models(maximum power is 18VA)

Model	Output Voltage(V)	Output Current(mA)	Pcs.Per Exp.Ctn	N.W (KG)	G.W (KG)	Measurement (cm)
KXT4830A/010	6	1800	20	17	18	39x24.5x20
KXT4830A/011	9	1200	20	17	18	39x24.5x20
KXT4830A/012	12	1500	20	17	18	39x24.5x20
KXT4830A/013	13.5	1000	20	17	18	39x24.5x20
KXT4830A/014	15	1200	20	17	18	39x24.5x20
KXT4830A/015	18	800	20	17	18	39x24.5x20
KXT4830A/016	24	600	20	17	18	39x24.5x20
KXT4830A/017	36	400	20	17	18	39x24.5x20

3.KXT300B(KXT500B;KXT1000B)-Plug-in adapter

Input voltage:110V or 220V or 110/220AC

Selectable output voltage:3.0/4.5/6.0/7.5/9.0/12V DC

Maximum load:500mA

Output Plug:6 way detachable plug

(KXT300B,KXT500B,KXT1000B)

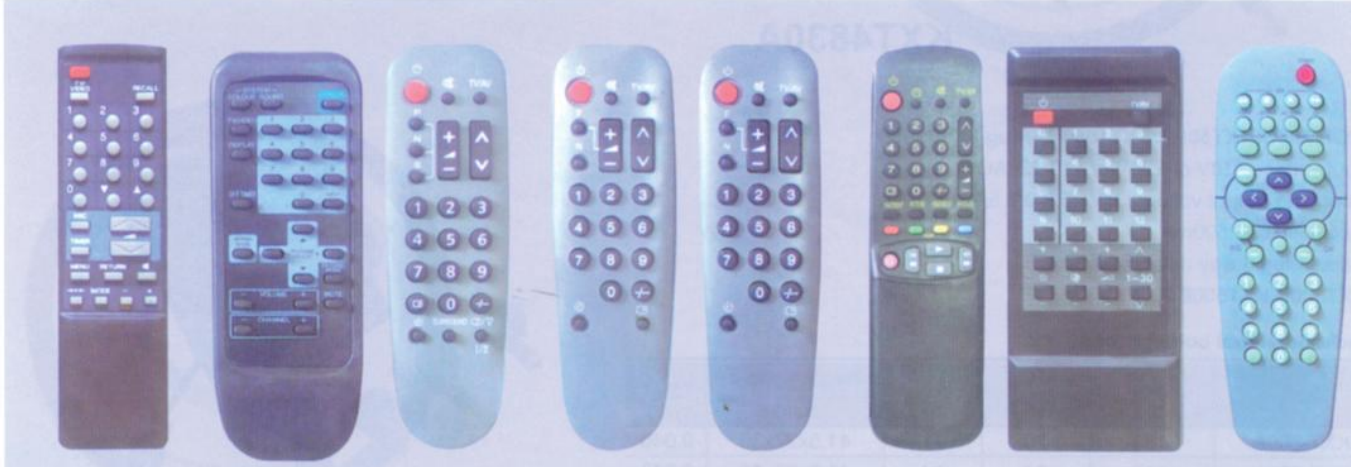
Pack:Individual color giftbox

Model	Pcs.Per Exp.Ctn	N.W (KG)	G.W (KG)	Measurement (cm)	CBM
KXT-300A	100	20	21	41.5x27x36	0.040
KXT-500A	100	23	24	41.5x27x36	0.040
KXT-1000A	50	18	19	54.5x35.5x20.5	0.051

KXT500B

0163 SR-1000P
0175 RC
0182 RC-900
0221 RC-TN360
0235 RC-6VT06
0267 RC-N1A
0281 16:9
0301 R-18A07

0312 R-28B03
0340 R-40A10
0374 6710V00028S
0382 6710V00090D
0401 105-224P
0411 105-210A
0426 6780V0007A
0442 TP-725



0462 CLE-891
0687 RM-C360
0804 EUR501320
0805 EUR501302
0806 EUR501310
0814 EUR5193
0839 TC-2185
0865 RC19335005/01

0872	0881	0889	0897	0906	0914	0939	0955
RC28350	RC7507	RC7940	RC7812	RC8205/01	RC8926/01	00104A	00104K

0970	0977	1024	1040	1056	1063	1068	1113
AA59-10031Q	AA59-10081F	IAVOU10B00900	RM-B	G1061SA	G1133PESA	G1324SA	RNM-622

1132	1140	1155	1173	1184	1193	1214	1227
RM-827S	RM-836	RM-883	RM-869	RCT-100	RCT-3003	CT-9507	CT-9712

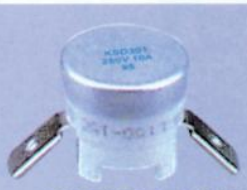
MORE PRODUCTS FOR OEM & ODM

Brief introductioin of poducts

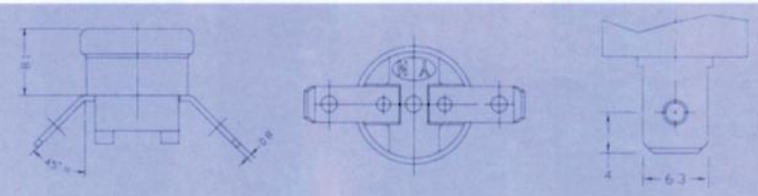
- Stable working temperature
- Clear-cut action without extenting spring,less interference with wirless
- Imported raw material,wet-resistant & heat-resisting
- Automatic Reset/Manual Reset
- High precision,steady performance,good synchronism
- Widely used in devices for many kind of household appliance

Technical Parameters

- Electric Parameters:AC250V 5A/10A/16A AC120V 7A
- Temperature Range:−25˚C ∽ + 195˚C +1˚C ∽ 2˚C
- (according to customers 'requirement)
- Woking Life:more than 100000 times
- Resistance:>100M



KSD301A-118C



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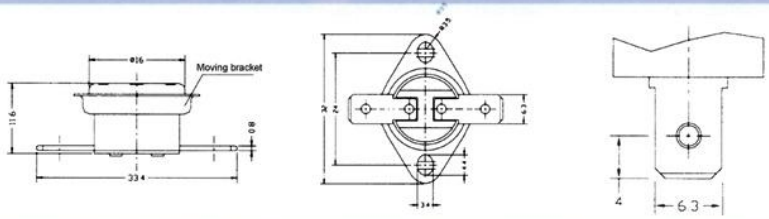

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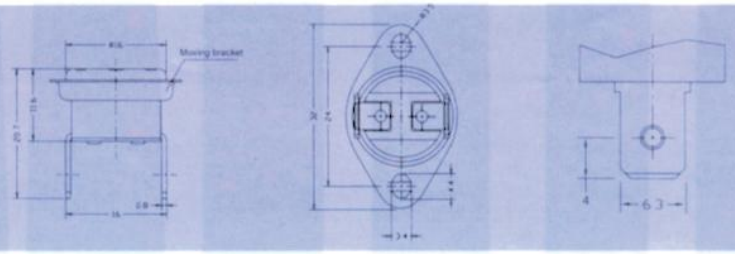

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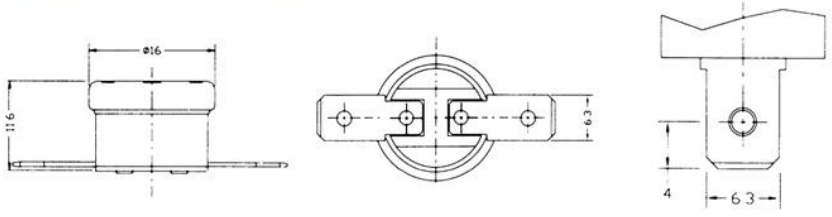

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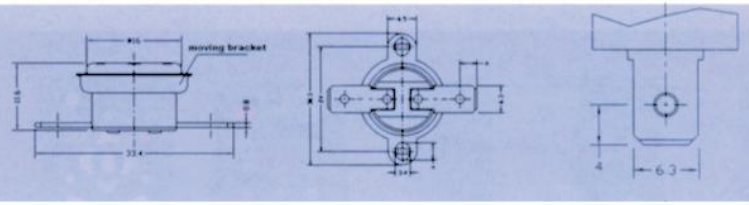
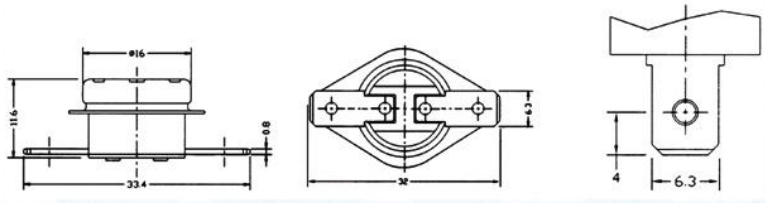
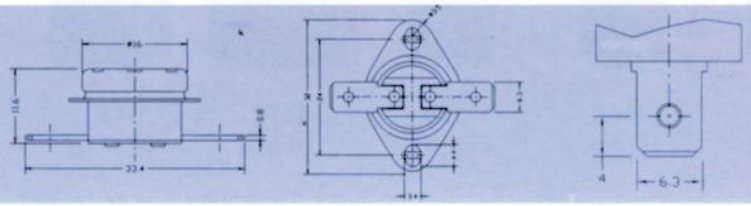


KSD301A-A316

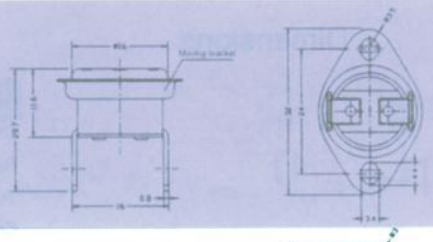


KSD301A-A314

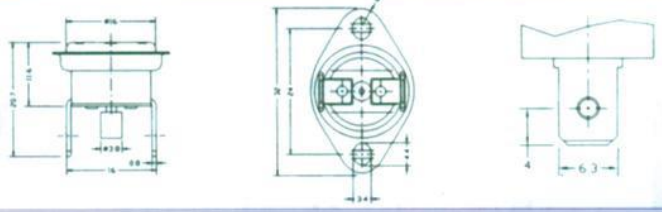


KSD301A THERMOSTAT SERIES

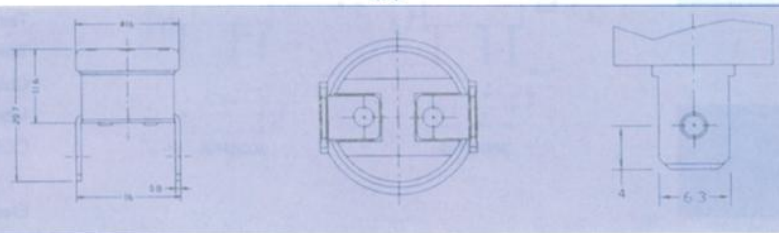
KSD301A-A313



KSD301A-A313R



KSD301A-A113



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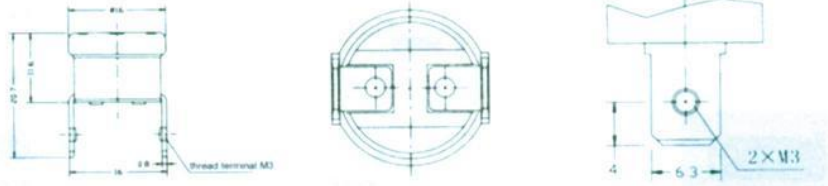
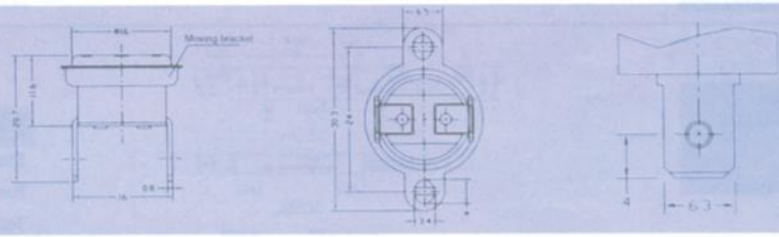


KSD301A-A333



KSD301A THERMOSTAT SERIES TWO

C-213

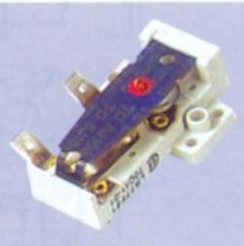
C-114

C-413

C-533

C-633

C-713

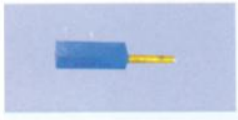


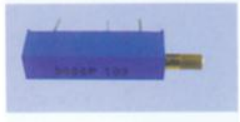
C-001A

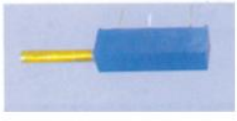
C-002A

MORE PRODUCTS FOR OEM & ODM

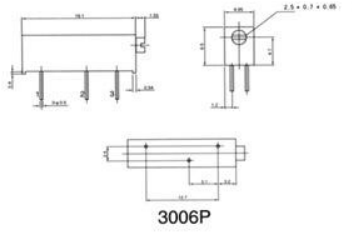
Adjust Methods



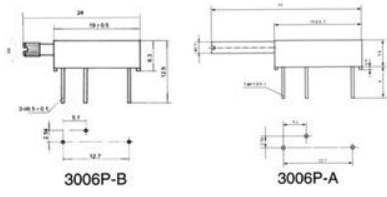




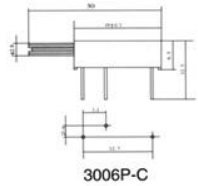
Dimensions



3006P



3006P-B 3006P-A



3006P-C

Characteristics

Electrical Characteristics

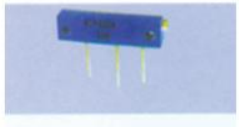
Standard Resistance Range	10Ω~2MΩ
Resistance Tolerance	±10%
Terminal Resistance	≤2Ω
Contact Resistance Variation	≤3%R or 3Ω
Insulation Resistance	R_1≥1GΩ
Winthstand Voltage	101.3kPa600V,8.5kPa350V
Effective Electrical Travel	22±2 cycles

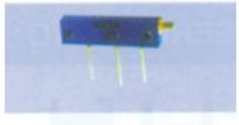
Envionment Characteristics

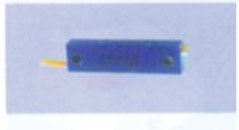
Rated Power	+70°C0.75W,+125°C 0W
Temperature Range	-55°C~+125°C
Temperature Coefficent	±250,±100ppm/°C
Temperature Variation	△R≤±1%R, △ (Uab/Uac)≤±1%
Collision	390m/s²4000
Vibration	10~500HZ,0.75mm or 98m/s²,6h
Climate Category	△R≤±3%R
	R_1≥100MΩ
Electrical Endurance at 70°C	0.75W,1000h
	△R≤±10%R
Mechanical Endurance	22±2 cycles
	△R≤±10%R
Steady damp-heat	△R≤±3%R
	R_1≥±100MΩ

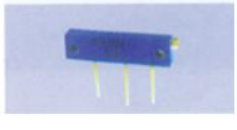
Physical Characteristics

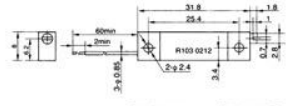
Staring Torque	30mN.m
Standard Packaging	25 pcs/tube



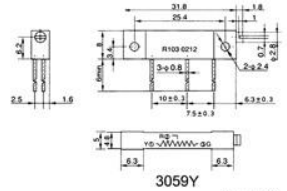




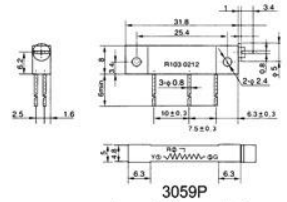




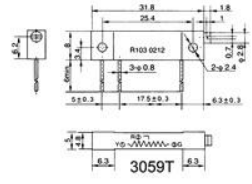
3059L



3059Y



3059P



3059T

Electrical Characteristics

Standard Resistance Range	10Ω~2MΩ
Resistance Tolerance	±10%
Terminal Resistance	≤1%R or 5Ω
Contact Resistance Variation	4%R or 4Ω
Insulation Resistance	R_1≥1GΩ
Winthstand Voltage	101.3kPa900V,8.5kPa350V
Effective Electrical Travel	22±2 cycles

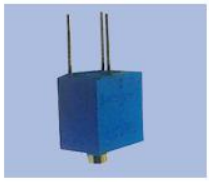
Envionment Characteristics

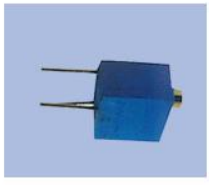
Rated Power	+70°C 1W,+125°C 0W
Temperature Range	-55°C~+125°C
Temperature Coefficent	±250,±100ppm/°C
Temperature Variation	△R≤±3%R, △ (Uab/Uac)≤±2%
Collision	390m/s²4000 △R≤±5%R
Vibration	10~500HZ,0.75mm or 98m/s²,6h
	△R≤±2%R,△ (Uab/Uac)≤±3%
Climate Category	△R≤±5%R,R_1≥100MΩ
Electrical Endurance at 70°C	1W,1000h,△R≤±10%R
Mechanical Endurance	2000 cycles, △R≤±10%R
Steady damp-heat	△R≤±3%R,R_1≥±100MΩ

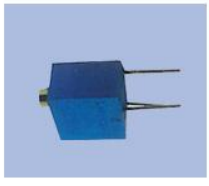
Physical Characteristics

Total Machanical Travel	22±2 cycles
Staring Torque	30mN.m

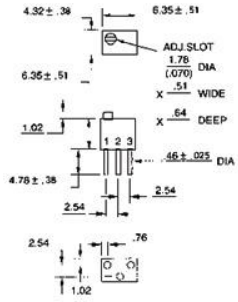
Adjust Methods



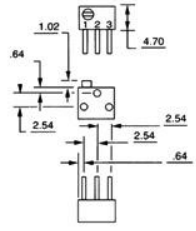




Dimensions



3262W



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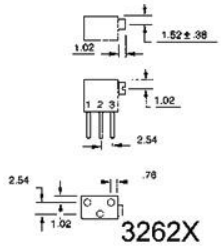
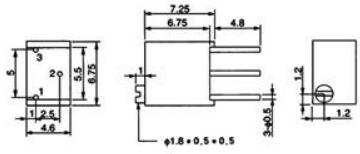
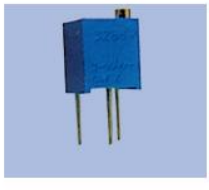
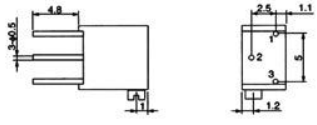


3262X

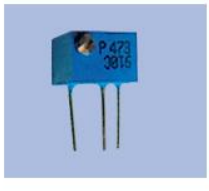


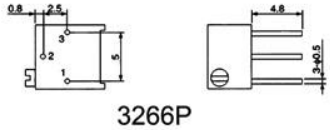
3266W





3266X





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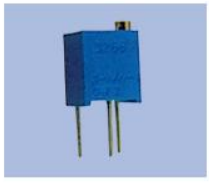
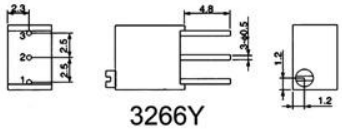
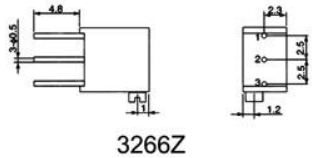




3266Y



3266Z

Characteristics

Electrical Characteristics

Standard Resistance Range	10Ω~2MΩ
Resistance Tolerance	±10%
Terminal Resistance	≤1%R or 2Ω
Contact Resistance Variation	≤3%R or3Ω
Insulation Resistance	R_1≥1GΩ
Effective Electrical Travel	12±2 cycles

Envionment Characteristics

Rated Power	+70°C 0.25W,+125°C 0W
Temperature Range	-55°C~+125°C
Temperature Coefficent	±250,±100ppm/°C
Temperature Variation	△R≤±1%R, △(Uab/Uac)≤±1%
Collision	390m/s²·4000
Vibration	10~500HZ,0.75mm or 98m/s²,6h
Climate Category	△R≤±3%R
	R_1≥100MΩ
Electrical Endurance at 70°C	0.5W,1000h
	△R≤±10%R
Mechanical Endurance	200 cycles
	△R≤±10%R
Steady damp-heat	△R≤±3%R,R_1≥±100MΩ

Physical Characteristics

Total Machanical Travel	12±2 cycles
Staring Torque	≤25mN.m
Clutch Torque	≤25mN.m
Standard Packaging	50 pcs/tube

Electrical Characteristics

Standard Resistance Range	10Ω~2MΩ
Resistance Tolerance	±10%
Terminal Resistance	≤1%R or 2Ω
Contact Resistance Variation	3%R or 3Ω
Insulation Resistance	R_1≥1GΩ
Winthstand Voltage	101.3kPa600V,8.5kPa250V
Effective Electrical Travel	12±2 cycles

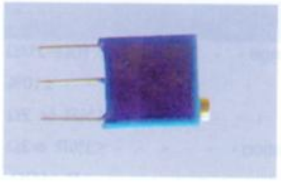
Envionment Characteristics

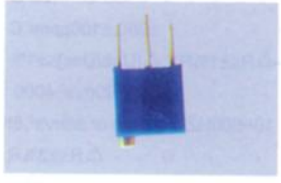
Rated Power	+70°C 0.25W,+125°C 0W
Temperature Range	-55°C~+125°C
Temperature Coefficent	±250,±100ppm/°C
Temperature Variation	△R≤±2%R, △(Uab/Uac)≤±1%
Collision	390m/s²·4000 times △R≤±1%R
Vibration	10~500HZ,0.75mm or 98m/s²,6h
	△R≤±1%R,△(Uab/Uac)≤±2%
Climate Category	△R≤±3%R,R_1≥100MΩ
Electrical Endurance at 70°C	0.25W,1000h,△R≤±10%R
Mechanical Endurance	200 cycles △R≤±10%R
Steady damp-heat	△R≤±3%R,R_1≥±100MΩ

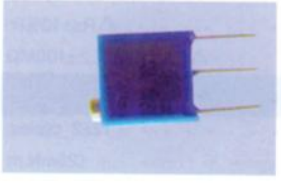
Physical Characteristics

Total Machanical Travel	12±2 cycles
Staring Torque	≤25mN.m
Clutch Torque	≤25mN.m
Standard Packaging	50 pcs/tube

Adjust Methods

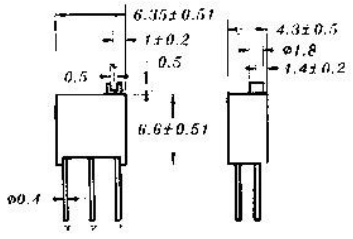




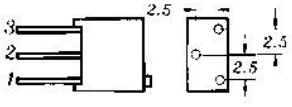


Dimensions

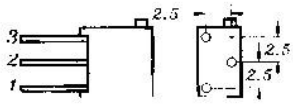
· Common Dimensions



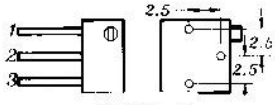
Tolerance is ±0.05 if no identification



3266A-W



3266A-X



3266A-P

Characteristics

Electrical Characteristics

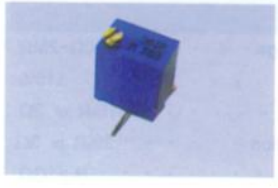
Standard Resistance Range · · · · · · ·10Ω~2MΩ
Resistance Tolerance · · · · · · · · · · ·±10%
Terminal Resistance · · · · · · · · ²2%R or 10Ω
Contact Resistance Variation · · · · CRV ²3%R or 3Ω
Insulation Resistance · · · · · · · R₁³1GΩ(500v)
Dielectric With stand Voltage · · · · · · · 900Vac
Effective Electrical Travel · · · · · · ·12±1 cycles

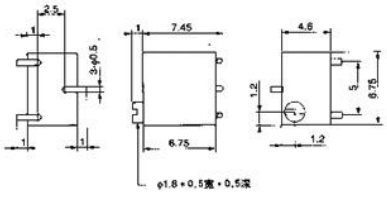
Envionment Characteristics

Rated Power · ·(250Vmax)0.25W@70ûC,0W@125ûC
Temperature Range · · · · · · · · ·-55ûC~+125ûC
Temperature Coefficent · · · ·±100,±150 x 10⁻⁶ûC max
Moisture Proof · · · · · △R²2%R,CRV²3%R or 3Ω
High Frepuency Vibraton · · · · △CRV²3%R or 3Ω,
· · · · · · · · · · · · · · · · △(Uab/Uac)²5%
Shock · · · · △CRV²3%R or 3Ω, △(Uab/Uac)²5%
Life At High Temperature · · · · 0.25W@40ûC,1000h
· · · · · · · · · · · · · △R²5%R,CRV²5% or 5Ω
Rotation Life – 200 cycles ,CRV ²3%R or 3Ω,,R1³1GΩ
Storage At High Temperature · · · · · · ·25ûC,250h,
· · · · · · · · · △(Uab/Uac)²2%, CRV ²3%r or 3Ω
Operation At Low Temperature · · · · · -55ûC,0.25W,
· · · · · · · · · · · · · · · · △(Uab/Uac)²2%
· · · · · · · · · · · · · · · · · CRV ²3%r or 3Ω

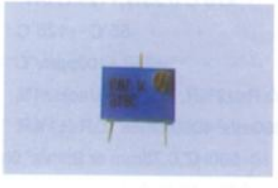
Physical Characteristics

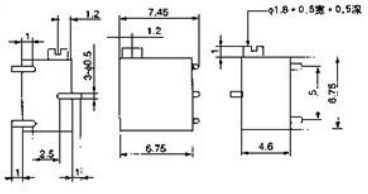
Staring Torque · · · · · · · · · · · · ²21mN.m



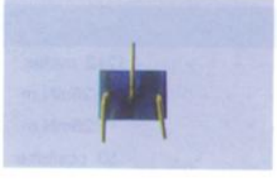


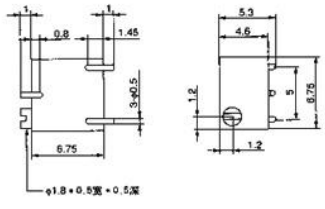
3269W





3269X





3269P

Electrical Characteristics

Standard Resistance Range · · · · · · ·10Ω~2MΩ
Resistance Tolerance · · · · · · · · · · · ·±10%
Terminal Resistance · · · · · · · · ²1%R or 2Ω
Contact Resistance Variation · · · · · ²3%R or 3Ω
Insulation Resistance · · · · · · · · · · R₁³1GΩ
Winthstand Voltage · · · ·101.3kPa600V,8.5kPa250V
Effective Electrical Travel · · · · · · ·12±2 cycles

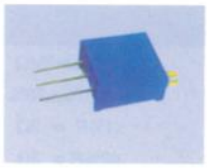
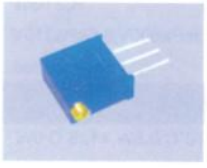
Envionment Characteristics

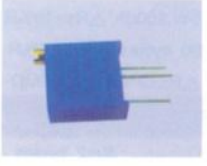
Rated Power · · · · · · +70ûC 0.25W,+125ûC 0W
Temperature Range · · · · · · · · ·-55ûC~125ûC
Temperature Coefficent · · · · · ·±250,±100ppm/ûC
Temperature Variation—△R²±2%R, △(Uab/Uac)²±5%
Collision · · · · · · · · ·390m/s²·4000,,△R²±5%R
Vibration · · · · · · ·10~500HZ,0.75mm,98m/s²,6h
· · · · · · · · · · ·△R<±1%R, △(Uab/Uac)²±2%
Climate Category · · · · · · △R²±3%R,R₁³100MΩ
Electrical Endurance at 70ûC— 0.5W,1000h,△R²±10%R
Mechanical Endurance · · · 200 cycles △R²±10%R
Steady damp-heat · · · · · ·△R²±3%R,R₁³100MΩ

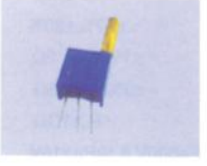
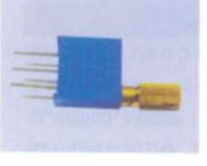
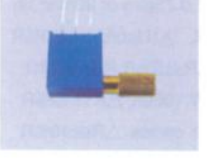
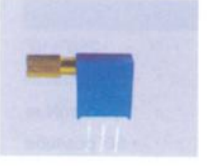
Physical Characteristics

Total Machanical Travel · · · · · · · ·14±2 cycles
Staring Torque · · · · · · · · · · · · · ²25mN.m
Clutch Torque · · · · · · · · · · · · · ²25mN.m
Standard Packaging · · · · · · · · · · 50 pcs/tube

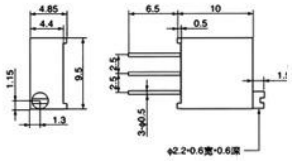
Adjust Methods

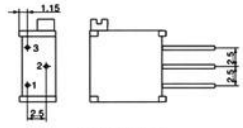





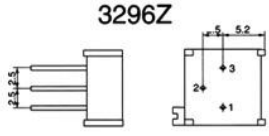





Dimensions





3296Z



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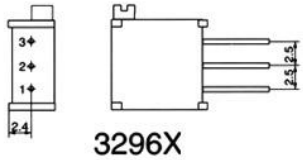

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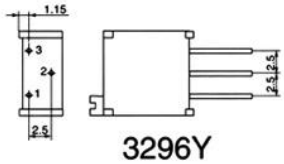

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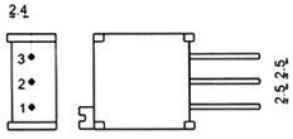

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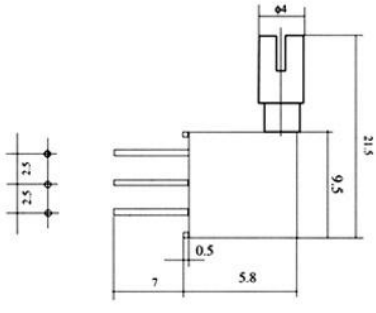
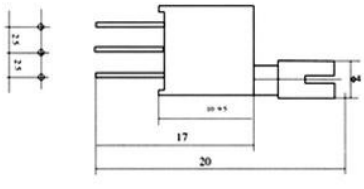


3296W-A



3296W-B

Characteristics

Electrical Characteristics

Standard Resistance Range	10Ω~5MΩ
Resistance Tolerance	±10%
Terminal Resistance	≤1%R or 2Ω
Contact Resistance Variation	≤3%R or 3Ω
Insulation Resistance	R_i≥1GΩ
Winthstand Voltage	101.3kPa600V,8.5kPa360V
Effective Electrical Travel	30±2 cycles

Envionment Characteristics

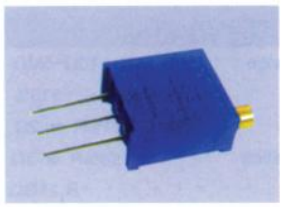
Rated Power	+70°C 0.5W,+125°C 0W
Temperature Range	-55°C~+125°C
Temperature Coefficent	±250,±100ppm/°C
Temperature Variation	—△R≤±2%R, △(Uab/Uac)≤±1%
Collision	390m/s²4000 △R≤±1%R
Vibration	10~500HZ,0.75mm or 98m/s²,6h
	△R<±1%R, △(Uab/Uac)≤±2%
Climate Category	△R≤±3%R,R_i≥100MΩ
Electrical Endurance at 70°C	—0.5W,1000h,△R≤±10%R
Mechanical Endurance	200 cycles △R≤±10%R
Steady damp-heat	△R≤±3%R,R_i≥±100MΩ

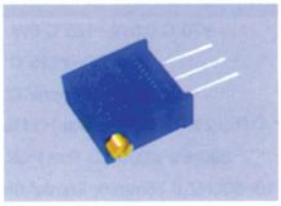
Physical Characteristics

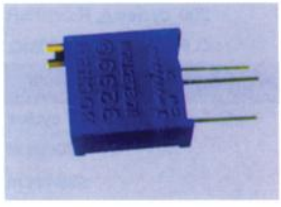
Total Machanical Travel	30±2 cycles
Staring Torque	≤20mN.m
Clutch Torque	≤36mN.m
Standard Packaging	50 pcs/tube

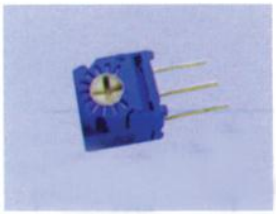
Resistance (Ω)	Resistance Code
50	500
100	101
200	201
500	501
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
50,000	503
100,000	104
200,000	204
500,000	504
1,000,000	105
2,000,000	205

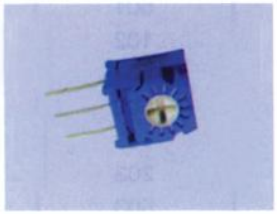
Adjust Methods

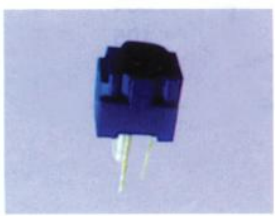




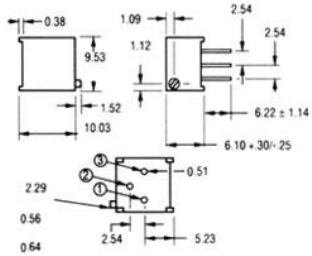


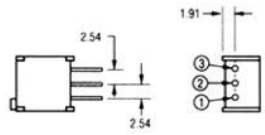




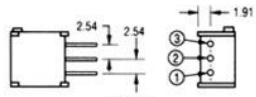


Dimensions





3299W



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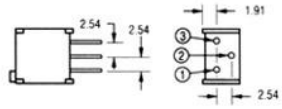

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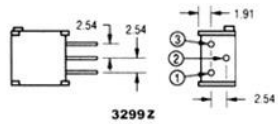


3299Z

Characteristics

Electrical Characteristics

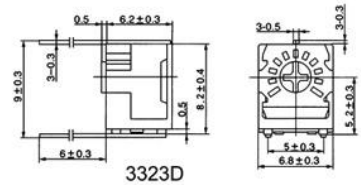
Standard Resistance Range	10Ω~2MΩ
Resistance Tolerance	±10%,±20%
Terminal Resistance	≤1%R or 2Ω
Contact Resistance Variation	≤3%R or 3Ω
Insulation Resistance	R_1≥1GΩ
Winthstand Voltage	101.3kPa600V,8.5kPa315V
Effective Electrical Travel	30±2 cycles

Envionment Characteristics

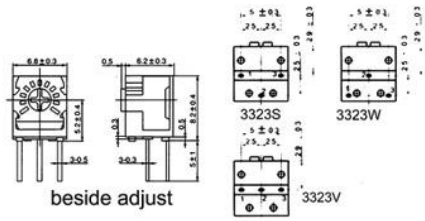
Rated Power	+70°C 0.5W,+125°C 0W
Temperature Range	-55°C~+125°C
Temperature Coefficent	±250,±100ppm/°C
Temperature Variation	△R≤±3%R, △(Uab/Uac)≤±2%
Collision	390m/s²4000 , △R≤±2%R
Vibration	10~2000HZ,0.75mm or 98m/s²,6h
	△R<±2%R, △(Uab/Uac)≤±3%
Climate Category	△R≤±5%R,R_1≥100MΩ
Electrical Endurance at 70°C	0.5W,1000h, △R≤±10%R
Mechanical Endurance	200 cycles △R≤±10%R
Steady damp-heat	△R≤±3%R,R_1≥100MΩ

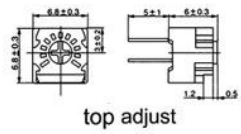
Physical Characteristics

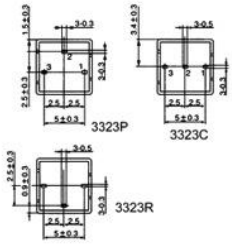
Total Machanical Travel	30±2 cycles
Staring Torque	≤20mN.m
Clutch Torque	≥50mN.m
Standard Packaging	50 pcs/tube



3323D







Electrical Characteristics

Standard Resistance Range	10Ω~2MΩ
Resistance Tolerance	±10%,±20%
Terminal Resistance	≤1%R or 2Ω
Contact Resistance Variation	≤3%R or 3Ω
Insulation Resistance	R_1≥1GΩ
Winthstand Voltage	101.3kPa600V,8.5kPa315V
Effective Electrical Travel	210° ±10°

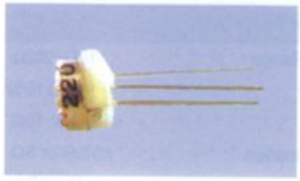
Envionment Characteristics

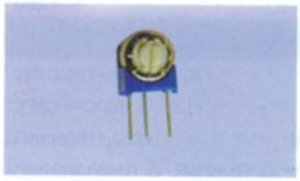
Rated Power	+70°C 0.5W,+125°C 0W
Temperature Range	-55°C~+125°C
Temperature Coefficent	±250,±100ppm/°C
Temperature Variation	△R≤±3%R, △(Uab/Uac)≤±2%
Collision	390m/s²4000 tilmes,△R≤±2%R
Vibration	10~2000HZ,0.75mm or 98m/s²,6h
	△R<±2%R, △(Uab/Uac)≤±3%R
Climate Category	△R≤±5%R,R_1≥100MΩ
Electrical Endurance at 70°C	0.5W,1000h, △R≤±10%R
Mechanical Endurance	200 cycles △R≤±10%R
Steady damp-heat	△R≤±3%R,R_1≥±100MΩ

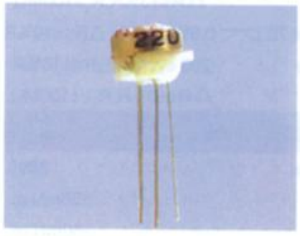
Physical Characteristics

Total Machanical Travel	250°±10°
Staring Torque	≤20mN.m
Clutch Torque	≥50mN.m
Standard Packaging	50 pcs/tube

Adjust Methods







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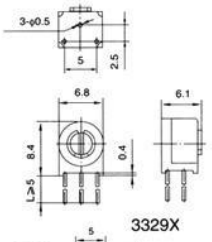
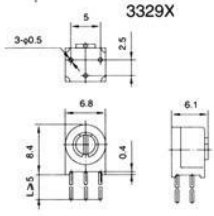
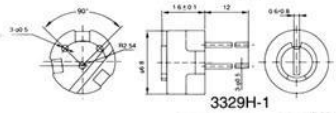
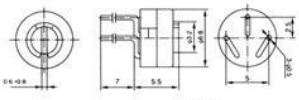








Characteristics

Electrical Characteristics

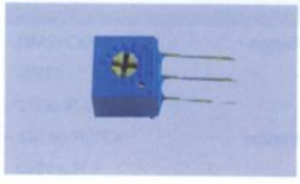
Standard Resistance Range	10Ω~2MΩ
Resistance Tolerance	±10%,±20%
Terminal Resistance	≤1%R or 2Ω
Contact Resistance Variation	≤3%R or 3Ω
Insulation Resistance	R_1≥1GΩ
Winthstand Voltage	101.3kPa600V,8.5kPa315V
Effective Electrical Travel	210° ±10°

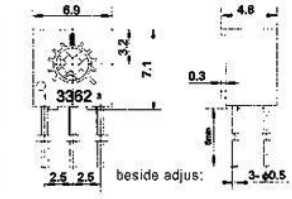
Envionment Characteristics

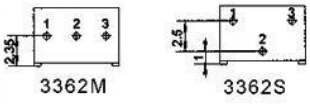
Rated Power	+70°C 0.5W,+125°C 0W
Temperature Range	-55°C~+125°C
Temperature Coefficent	±250,±100ppm/°C
Temperature Variation	△R≤±3%R, △(Uab/Uac)≤±1%
Collision	390m/s²4000 times △R≤±3%R
Vibration	10~2000HZ,0.75mm or 98m/s²,6h
	△R<±3%R, △(Uab/Uac)≤±2%
Climate Category	△R≤±3%R,R_1≥100MΩ
Electrical Endurance at 70°C	0.5W,1000h, △R≤±10%R
Mechanical Endurance	100 cycles △R≤±10%R
Steady damp-heat	△R≤±3%R,R_1≥±100MΩ

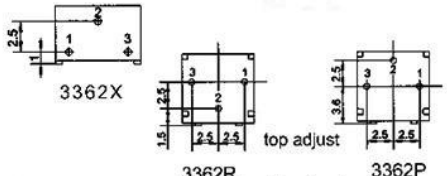
Physical Characteristics

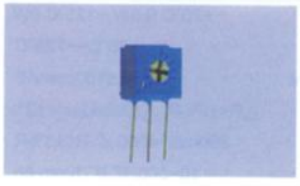
Total Machanical Travel	250°±10°
Staring Torque	≤20mN.m
Clutch Torque	≥35mN.m

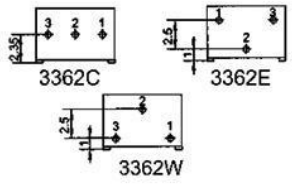


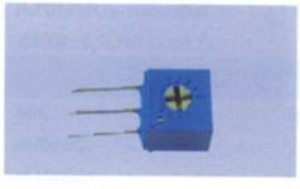












Electrical Characteristics

Standard Resistance Range	10Ω~2MΩ
Resistance Tolerance	±10%
Terminal Resistance	≤1%R or 2Ω
Contact Resistance Variation	≤3%R or 3Ω
Insulation Resistance	R_1≥1GΩ
Winthstand Voltage	101.3kPa600V,8.5kPa315V
Effective Electrical Travel	210° ±10°

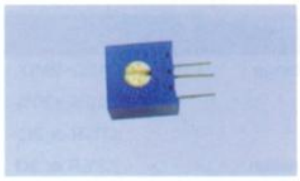
Envionment Characteristics

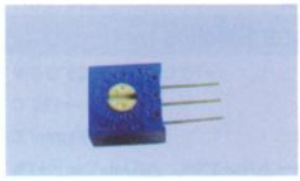
Rated Power	+70°C 0.5W,+125°C 0W
Temperature Range	-55°C~+125°C
Temperature Coefficent	±250,±100ppm/°C
Temperature Variation	△R≤±(2%R=0.1Ω),
	△(Uab/Uac)≤±1%
Collision	390m/s²4000 times △R≤±1%R
Vibration	10~2000HZ,0.75mm,6h
	△R<±1%R, △(Uab/Uac)≤±2%
Climate Category	△R≤±3%R,R_1≥100MΩ
Electrical Endurance at 70°C	0.5W,1000h, △R≤±10%R
Mechanical Endurance	200 cycles △R≤±10%R
Steady damp-heat	△R≤±3%R,R_1≥±100MΩ

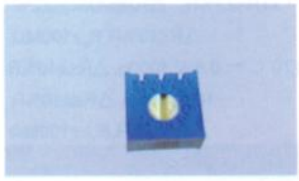
Physical Characteristics

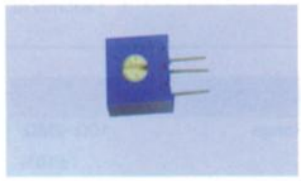
Total Machanical Travel	250°±10°
Staring Torque	≤20mN.m
Clutch Torque	≥50mN.m
Standard Packaging	50 pcs/tube

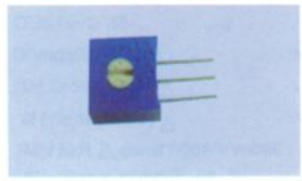
Adjust Methods



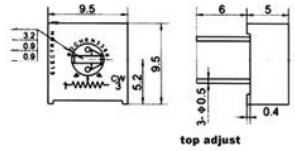


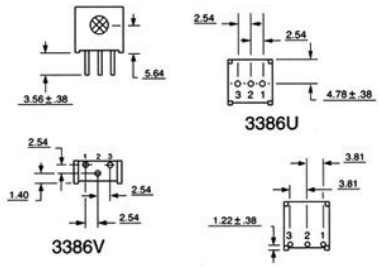


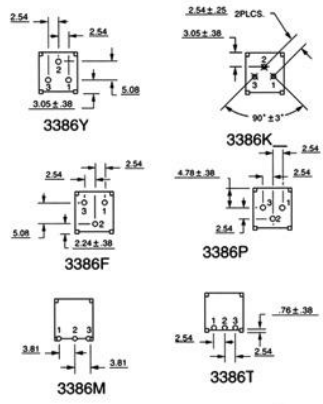


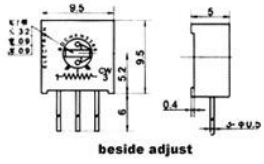


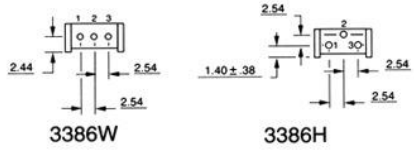
Dimensions

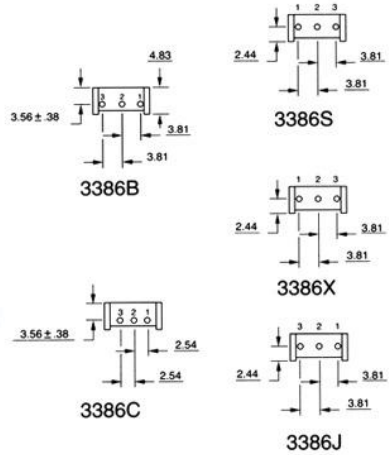












Characteristics

Electrical Characteristics

Standard Resistance Range	10Ω~2MΩ
Resistance Tolerance	±10%
Terminal Resistance	≤1%R or 10Ω
Contact Resistance Variation	≤3%R or 3Ω
Insulation Resistance	R,≥1GΩ
Winthstand Voltage	101.3kPa500V,8.5kPa350V
Effective Electrical Travel	260°

Envionment Characteristics

Rated Power	+70°C 0.5W,+125°C 0W
Temperature Range	-55°C~+125°C
Temperature Coefficent	±250,±100ppm/°C
Temperature Variation	△ R≤±2%R, △ (Uab/Uac)≤±5%
Collision	390m/s² 4000, △R≤±5%R
Vibration	10~500HZ,0.75mm,98m/s²,6h
	△R<±1%R, △ (Uab/Uac)≤±2%
Climate Category	△R≤±3%R,R,≥100MΩ
Electrical Endurance at 70°C	0.5W,1000h, △R≤±10%R
Mechanical Endurance	200 cycles △R≤±10%R
Steady damp-heat	△R≤±3%R,R,≥±100MΩ

Physical Characteristics

Total Machanical Travel	280°
Staring Torque	≤20mN.m
Clutch Torque	≥50mN.m
Standard Packaging	50 pcs/tube

Electrical Characteristics

Standard Resistance Range	10Ω~2MΩ
Resistance Tolerance	±10%
Terminal Resistance	≤1%R or2Ω
Contact Resistance Variation	≤3%R or 3Ω
Insulation Resistance	R,≥1GΩ
Winthstand Voltage	101.3kPa 500V,8.5kPa350V
Effective Electrical Travel	260°

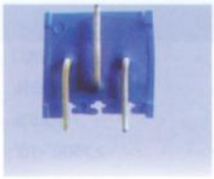
Envionment Characteristics

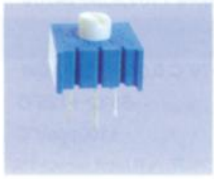
Rated Power	+70°C 0.5W,+125°C 0W
Temperature Range	-55°C~+125°C
Temperature Coefficent	±250,±100ppm/°C
Temperature Variation	△R≤±2%R, △(Uab/Uac)≤±2%
Collision	390m/s² 4000,△R≤±3%R
Vibration	10~500HZ,0.75mm,6h
	△ R<±1%R, △ (Uab/Uac)≤±2%
Climate Category	△R≤±3%R,R,≥100MΩ
Electrical Endurance at 70°C	0.5W,1000h, △R≤±10%R
Mechanical Endurance	200cycles △R≤±10%R
Steady damp-heat	△ R≤±3%R,R,≥±100MΩ

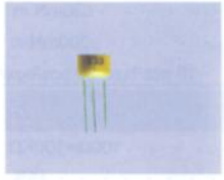
Physical Characteristics

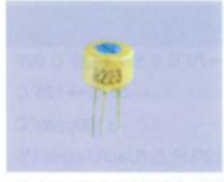
Total Machanical Travel	280°
Staring Torque	≤20mN.m
Clutch Torque	≥50mN.m
Standard Packaging	50 pcs/tube

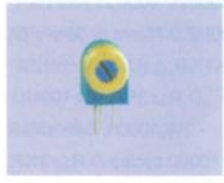
Adjust Methods



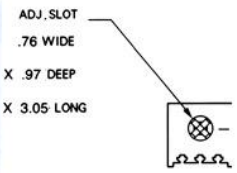


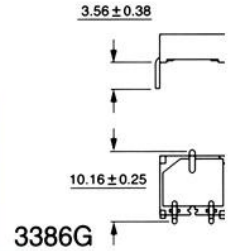






Dimensions





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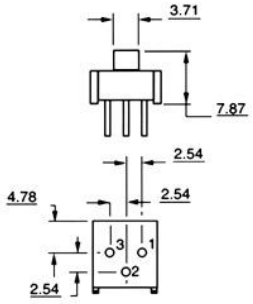

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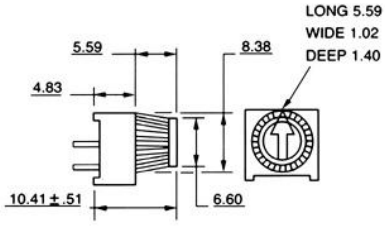

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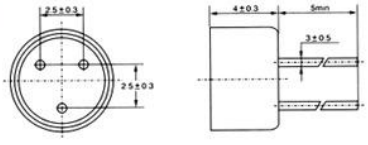
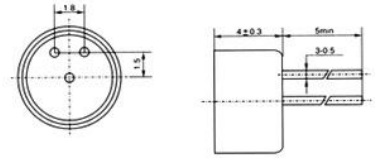


WI18-1



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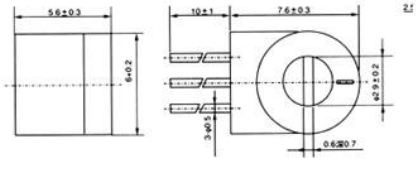

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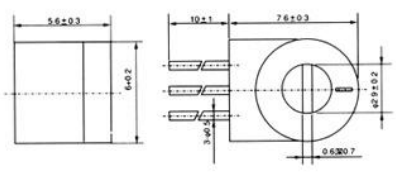


WI18-2A

Characteristics

Electrical Characteristics

Standard Resistance Range	10Ω~2MΩ
Resistance Tolerance	±10%
Terminal Resistance	≤1%R or2Ω
Contact Resistance Variation	≤3%R or 3Ω
Insulation Resistance	R_1≥1GΩ
Winthstand Voltage	101.3kPa500V,8.5kPa350V
Effective Electrical Travel	260°±5°

Envionment Characteristics

Rated Power	+70°C 0.5W,+125°C 0W
Temperature Range	-55°C~+125°C
Temperature Coefficent	±250,±100ppm/°C
Temperature Variation	△R≤±2%R, △(Uab/Uac)≤±2%
Collision	390m/s²·4000 △R≤±3%R
Vibration	10~500HZ,0.75mm or 98m/s²,6h
	△R<±1%R, △(Uab/Uac)≤±2%
Climate Category	△R≤±3%R,R_1≥100MΩ
Electrical Endurance at 70°C	0.5W,1000h,△R≤±10%R
Mechanical Endurance	200 cycles △R≤±10%R
Steady damp-heat	△R≤±3%R,R_1≥±100MΩ

Physical Characteristics

Total Machanical Travel	280°+5°
Staring Torque	≤20mN.m
Clutch Torque	≥50mN.m
Standard Packaging	50 pcs/tube

Electrical Characteristics

Standard Resistance Range	100Ω~1MΩ
Resistance Tolerance	±10%,±20%
Terminal Resistance	≤1%R or 2Ω
Contact Resistance Variation	≤3%R or 10Ω
Insulation Resistance	R_1≥1GΩ
Winthstand Voltage	101.3kPa 500V,8.5kPa315V
Effective Electrical Travel	210°

Envionment Characteristics

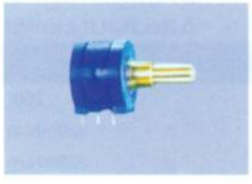
Rated Power	+70°C 0.5W,+125°C 0W
Temperature Range	-55°C~+125°C
Temperature Coefficent	±250,±100ppm/°C
Temperature Variation	△R≤±1%R,△(Uab/Uac)≤±1%
Collision	390m/s²·4000
Vibration	10~500HZ,0.75mm or 98m/S²,6h
Climate Category	△R≤±3%R,R_1≥100MΩ
Electrical Endurance at 70°C	0.5W,1000h,△R≤±10%R
Mechanical Endurance	200 cycles △R≤±10%R
Steady damp-heat	△R≤±3%R,R_1≥100MΩ

Physical Characteristics

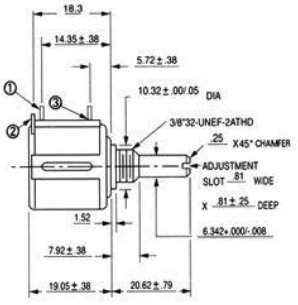
Total Machanical Travel	260°
Staring Torque	≤20mN.m
Stoping Torque	≥25mN.m

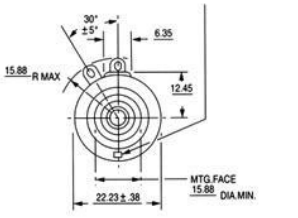
WXD3540 & WXD3590 PRECISION MULTITURN WIREWOUD POTENTIOMETER

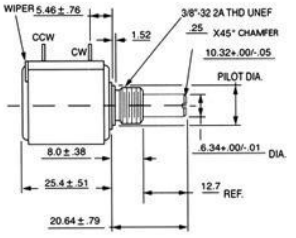
Adjust Methods

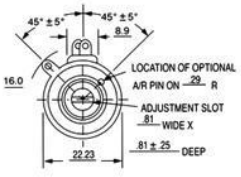


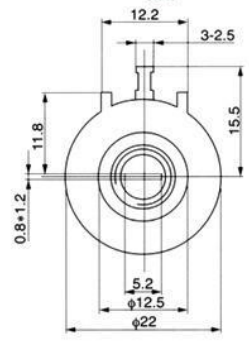
Dimensions

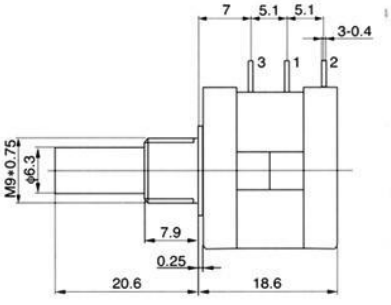












Characteristics

Electrical Characteristics

Standard Resistance Range	100Ω~100KΩ
Resistance Tolerance	±5%
Independent Linearity	±0.5%
Effective Electrical Travel	≥3600°-10°
Terminal Resistance	≤0.2%R or 5Ω
Noise	≤3%R or 3Ω
Insulation Resistance	R_i≥1GΩ
Winthstand Voltage	101.3kPa 710V,8.5kPa470V

Envionment Characteristics

Rated Power	+70°C 0.5W,+125°C 0W
Temperature Range	-55°C~+125°C
Temperature Coefficent	±100ppm/°C
Temperature Variation	— △R≤±2%R,△(Uab/Uac)≤±1%
Collision	390m/s² 4000, △R≤±1%R
Vibration	10~500HZ,0.75mm, or 98m/s²6h
	△R≤1%R,△(Uab/Uac)≤±2%
Climate Category	△R≤±3%R,R_i≥100MΩ
Electrical Endurance at 70°C	2W,1000h,△R≤±3%R
Mechanical Endurance	10000 cycles △R≤±3%R
Steady damp-heat	△R≤±3%R,R_i≥±100MΩ

Physical Characteristics

Total Machanical Travel	3600° 10°
Staring Torque	≤36mN.m
Clutch Torque	≥300mN.m
Standard Packaging	10 pcs/box 20 pcs/box

Electrical Characteristics

Standard Resistance Range	100Ω~100KΩ
Resistance Tolerance	±5%
Independent Linearity	±0.5%
Effective Electrical Travel	≥3600°-10°
Terminal Resistance	≤0.2%R or 5Ω
Noise	≤3%R or 3Ω
Insulation Resistance	R_i≥1GΩ
Winthstand Voltage	101.3kPa 710V,8.5kPa470V

Envionment Characteristics

Rated Power	+70°C 0.5W,+125°C 0W
Temperature Range	-55°C~+125°C
Temperature Coefficent	±100ppm/°C
Temperature Variation	△R≤±2%R,△(Uab/Uac)≤±1%
Collision	390m/s² 4000 △R≤±1%R
Vibration	10~500HZ,0.75mm,or 98m/s²6h
	△R≤1%R,△(Uab/Uac)≤±2%
Climate Category	△R≤±3%R,R_i≥100MΩ
Electrical Endurance at 70°C	2W,1000h, △R≤±3%R
Mechanical Endurance	10000 cycles △R≤±3%R
Steady damp-heat	△R≤±3%R,R_i≥±100MΩ

Physical Characteristics

Total Machanical Travel	3600° ±10°
Staring Torque	≤36mN.m
Clutch Torque	≥300mN.m
Standard Packaging	10 pcs/box 20 pcs/box

KSR-2017

¥ DATA HOLD&Overload protection functions.
¥ Big jaws can measure conductor which diameter up to approx.35mm max
¥ Continuity check with buzzer sound.
¥ AC Current:200/600A ±(2.0%rdg+5dgts)
¥ AC Voltage:200/600V ±(1.2%rdg+5dgts)
¥ Resistance200½ ±(1.5%rdg+2dgts)
¥ Dimension:208(L)X85(W)X40(H)mm
¥ Weight:Approx.300g(including battery)

KSR-2047

¥ 3 3/4 digits LCD with a max.reading of 3999 and low battery indication
¥ Big jaws can measure conductor which diameter up to approx.35mm
¥ Continuity check with buzzer sound and Data Hold functions
¥ Automatic range selection and Auto Power Off functions
¥ DC Voltage:4/40/400/600V ±(1.3%rdg+5dgts)
¥ AC Voltage:4/40/400/600V ±(2.0%rdg+5dgs)
¥ AC Current:40/400/600V ±(2.0%rdg+5dgts)
¥ Resistance:400/4K/40K/400K/4M/40M½ ±(1.5%rdg+5dgts)
¥ Capacitance:40n/400n/4μ/40μF ±(1.0%rdg+2dgts)
¥ Frequency:2K/20KHz ±(1.5%rdg+5dgts)
¥ hFE:0~1000
¥ Dimesion:208(L)X85(W)X40(H)mm
¥ Weight:Aprox.300g(including battery)

KSR-266

¥ 3 1/2 digits LCD with polarity, low battery indication.
¥ Big jaws can measure conductor which diameter up to approx.60mm max.
¥ DATA HOLD&Overload protection functions.
¥ AC Current:200/1000A ±(2.0%rdg+5dgts)
¥ AC Voltage:750V ±(1.0%rdg+4dgts)
¥ DC Voltage:1000V ±(1.0%rdg+2dgs)
¥ Resistance:200/20K½ ±(1.0%rdg+2dgts)
¥ Insulation Test:20M/2000M½ ±(2.0%rdg+2dgts)
¥ Dimesion:237(L)X95(W)X40(H)mm
¥ Weight:Aprox.310g(including battery)

KS-218

¥ Continuity check with buzzer sound
¥ DC Voltage:2.5/10/50/250/500V ±5%f.s
¥ AC Voltage:10/50/250/500V ±5%f.s.
¥ DC Current:0.5m/10m/250mA ±5%f.s.
¥ Resistance:X10/X1K½ ±5%of arc.
¥ Battery Test:1.5V
¥ Dimesion:97(L)X62(W)X30(H)mm
¥ Weight:Aprox.85g(including battery)

KS-228

¥ Continuity check with LED indication and dB test functions
¥ DC Voltae:0.25/10/50/250/500/1000V ±3%f.s.
¥ AC Voltage:10/50/250/500/1000V ±5%f.s.
¥ DC Current:0.25m/2.5m/25m/500mA ±3%f.s.
¥ Resistance:X1/X10/X100/X1K½ ±3%of arc.
¥ Battery Test:1.5V
¥ Dimesion:125(L)X85(W)X32(H)mm
¥ Weight:Aprox.175g(including battery)

KS-268

¥ Continuity check with buzzer sound
¥ DC Voltae:0.3/3/12/30/120/300/1200V ±3%
¥ AC Voltage:6/30/120/300/1200V ±4%
¥ DC Current:60μ/3m/30m/300m/12A ±3%
¥ Resistance:X1/X10/X100/X1K/X10K½ ±3%
¥ hFE:0~1000
¥ Battery Test:1.5V
¥ Dimesion:126(L)X70(W)X28(H)mm
¥ Weight:Aprox.128g(including battery)

KS-278

¥ Continuity check with buzzer sound and LED indication functions
¥ Polarity charge button.
¥ DC Voltae:0.3/3/12/30/120/300/1200V ±3%f.s.
¥ AC Voltage:6/30/120/300/1200V ±4%f.s.
¥ DC Current:60μ/3m/30m/300m/12A ±3%f.s.
¥ Resistance:X1/X10/X100/X1K/X10K½ ±3%of arc.
¥ dB:-10~+17dB
¥ Battery Test:1.5V
¥ Dimesion:150(L)X99(W)X37(H)mm
¥ Weight:Aprox.280g(including battery)

YX-360TRN

¥ A large and bright meter with a scale length of 80mm and its sensitivity of 44μA at full scale.
¥ Series capacitor terminal(OUTPUT)blocks DC to enable measurement of only AC components.
¥ Fuse protection.
¥ DC Voltage:0.1/0.5/2.5/10/50/250/1000V ±3%f.s.
¥ AC Voltage:10/50/250/1000V ±4%f.s.
¥ DC Current:50μ/2.5m/25m/250mA ±3%f.s.
¥ Resistance:X1/X10/X1K/X10K½MAX ±3%of arc.
¥ dB:-10dB~+22dB
¥ LI:150μ/15m/150mA
¥ hFE:0~1000
¥ Dimesion:150(L)X100(W)X36(H)mm
¥ Weight:Aprox.250g(including battery)

YX-360TRN-A

¥ A large and bright meter with a scale length of 80mm and its sensitivity of 44μA at full scale.
¥ Measures DC current 10A(MAX)
¥ Fuse protection.
¥ DC Voltage:0.1/0.5/2.5/10/50/250/1000V ±3%f.s.
¥ AC Voltage:10/50/250/1000V ±4%f.s.
¥ DC Current:50μ/2.5m/25m/250m/10A ±3%f.s.
¥ Resistance:X1/X10/X1K/X10K½MAX ±3%of arc.
¥ dB:-10dB~+22dB
¥ LI:150μ/15m/150mA
¥ hFE:0~1000
¥ Dimesion:150(L)X100(W)X36(H)mm
¥ Weight:Aprox.250g(including battery)

YX-360TRE

¥ A large and bright meter with a scale length of 80mm and its sensitivity of 44μA at full scale.
¥ Series capacitor terminal(OUTPUT)blocks DC to enable measurement of only AC components.
¥ Fuse protection.
¥ DC Voltage:0.1/0.5/2.5/10/50/250/1000V ±3%f.s.
¥ AC Voltage:10/50/250/1000V ±4%f.s.
¥ DC Current:50μ/2.5m/25m/250mA ±3%f.s.
¥ Resistance:X1/X10/X100/X1K/X10K½ ±3%of arc.
¥ dB:-10dB~+22dB
¥ LI:150μ/1.5m/15m/150mA
¥ hFE:0~1000
¥ Dimesion:150(L)X100(W)X36(H)mm
¥ Weight:Aprox.250g(including battery)

YX-360TRE-B

¥ A large and bright meter with a scale length of 80mm and its sensitivity of 44μA at full scale.
¥ Series capacitor terminal(OUTPUT)blocks DC to enable measurement of only AC components.
¥ Continuity check with buzzer sound
¥ Fuse protection.
¥ DC Voltage:0.1/0.5/2.5/10/50/250/1000V ±3%f.s.
¥ AC Voltage:10/50/250/1000V ±4%f.s.
¥ DC Current:50μ/2.5m/25m/250mA ±3%f.s.
¥ Resistance:X1/X10/X100/X1K/X10K½MAX ±3%of arc.
¥ dB:-10dB~+22dB
¥ LI:150μ/1.5m/15m/150mA
¥ hFE:0~1000
¥ Dimesion:150(L)X100(W)X36(H)mm
¥ Weight:Aprox.250g(including battery)

YX-360TR

¥ A taul-band type is adopted in the meter department. The shock-proof designs enable instrument to ¥ withstand shock even when it is dropped on a concrete floor from one-meter height.
¥ This unit can determine the capacity of manganess and alkaline batteries by measuring their voltage ¥ when the load is 10½
¥ Battery Check function.
¥ DC Voltage:0.25/2.5/10/50/250/1000V ±5%f.s.
¥ AC Voltage:10/50/250/500/1000V +5%f.s.
¥ DC Current:0.25m/2.5m/25m/500mA ±5%f.s.
¥ Resistance:X1/X10/X1K½ ±5%of arc.
¥ LI:150μ/15m/150mA
¥ Dimesion:160(L)X125(W)X42(H)mm
¥ Weight:Aprox.300g(including battery)

YX-360TRD

¥ This instrument is portable multitester designated for measurement of weak current circuits. Panel face protection cover,which serves also as a stand;band meter of drop shock type with high sensitivity are employed.
¥ Overload protection.
¥ DC Voltage:0.1/0.25/2.5/10/50/250/1000V ±3%f.s.
¥ AC Voltage:10/50/250/1000V ±4%f.s.
¥ DC Current:50μ/2.5m/25m/250mA ±3%f.s.
¥ Resistance:X1/X10/X1K/X100K½ ±3%of arc.
¥ Capacitance:0.01μF~10μF
¥ dB:-10dB~+22dB
¥ LI:150μ/150μ/15m/150mA
¥ hFE:0~1000
¥ Dimesion:160(L)X125(W)X42(H)mm
¥ Weight:Aprox.320g(including battery)

YX-360TRF

¥ This instrument is portable multitester designated for measurement of weak current circuits. Panel face protection cover,which serves also as a stand;band meter of drop shock type with high sensitivity are employed.
¥ Overload protection.
¥ DC Voltage:0.1/0.25/2.5/10/50/250/1000V ±3%f.s.
¥ DC Voltage(null):±5/±25 ±5%f.s.
¥ AC Voltage:10/50/250/750V ±4%f.s.
¥ DC Current:50μ/2.5m/25m/250mA ±3%f.s.
¥ Resistance:X1/X10/X100/X1K½ ±3%of arc.
¥ Capacitance:0.01μF~10μF
¥ dB:-10dB~+22dB
¥ LI:150μ/1.5m/15m/150mA
¥ hFE:0~1000
¥ Dimesion:160(L)X129(W)X42(H)mm
¥ Weight:Aprox.320g(including battery)

YX-360TRG

¥ This instrument is portable multitester designated for measurement of weak current circuits. Panel face protection cover,which serves also as a stand;band meter of drop shock type with high sensitivity are employed.
¥ Overload protection.
¥ Measures hFE of transistor directly
¥ DC Voltage:0.1/0.25/2.5/10/50/250/1000V ±3%f.s.
¥ AC Voltage:10/50/250/1000V ±4%f.s.
¥ DC Current:50μ/2.5m/25m/250mA ±3%f.s.
¥ Resistance:X1/X10/X1K/X100K½ ±3%of arc.
¥ Capacitance:0.01μF~10μF
¥ dB:-10dB~+22dB
¥ LI:1.5μ/150μ/15m/150mA
¥ hFE:0~1000
¥ Dimesion:160(L)X125(W)X42(H)mm
¥ Weight:Aprox.320g(including battery)

YX-360TR

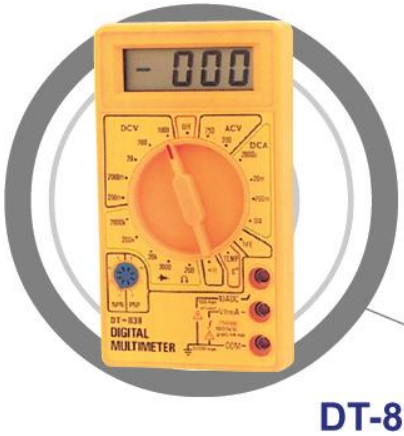
¥ A large and bright meter with a scale length of 80mm and its sensitivity of 44μA at full scale.
¥ Series capacitor terminal(OUTPUT)blocks DC to enable measurement of only AC components.
¥ Fuse protection.
¥ DC Voltage:0.1/0.5/2.5/10/50/250/1000V ±3%f.s.
¥ AC Voltage:10/50/250/1000V ±4%f.s.
¥ DC Current:50μ/2.5m/25m/250mA ±3%f.s.
¥ Resistance:X1/X10/X1K/X10K½ ±3%of arc.
¥ dB:-10dB~+22dB
¥ LI:150μ/15m/150mA
¥ hFE:0~1000
¥ Dimesion:150(L)X100(W)X56(H)mm
¥ Weight:Aprox.280g(including battery)

DT-830B

¥ 3 1/2 digits LCD with polarity&low battery indication.
¥ Diode test and Transistor test and Overload protection functions.
¥ DC Voltage:200m/2000m/20/200/1000V ±(0.8%rdg+2dgts)
¥ AC Voltage:200/750V ±(1.2%rdg+10dgts)
¥ DC Current:200µ/2000µ/20m/200m/10A ±(1.0%rdg+2dgts)
¥ Resistance:200/2000/20K/200K/2000K½ ±(1.0%rdg+2dgts)
¥ Dimesion:126(L)X70(W)X28(H)mm
¥ Weight:Aprox.128g(including battery)

DT-830D

¥ 3 1/2 digits LCD with polarity&low battery indication.
¥ Continuity check with buzzer sound and Square ware output functions
¥ Diode test and Transistor test functions.
¥ DC Voltage:200m/2000m/20/200/1000V ±(0.5%rdg+2dgts)
¥ AC Voltage:200/750V ±(1.2%rdg+10dgts)
¥ DC Current:2000µ/20m/200m/10A ±(1.0%rdg+2dgts)
¥ Resistance:200/2000/20K/200K/2000K½ ±(0.8%rdg+1dgts)
¥ hFE:0~1000
¥ Dimesion:126(L)X70(W)X28(H)mm
¥ Weight:Aprox.128g(including battery)



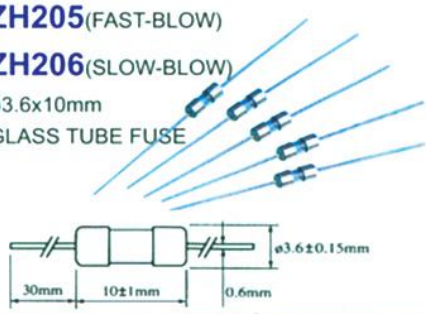
DT-838(DT-830C)

¥ 3 1/2 digits LCD with polarity&low battery indication.
¥ Diode test and Transistor test and Overload protection functions.
¥ Continuity check with buzzer sound
¥ DC Voltage:200m/2000m/20/200/1000V ±(0.8%rdg+2dgts)
¥ AC Voltage:200/750V ±(1.2%rdg+10dgts)
¥ DC Current:2000µ/20m/200m/10A ±(1.0%rdg+2dgts)
¥ Resistance:200/2000/20K/200K/2000K½ ±(1.0%rdg+2dgts)
¥ Temperature:-40ûC~1000¡C ±(1.0%rdg+2dgts)
¥ Dimesion:130(L)X68(W)X28(H)mm
¥ Weight:Aprox.128g(including battery)

DT-830L

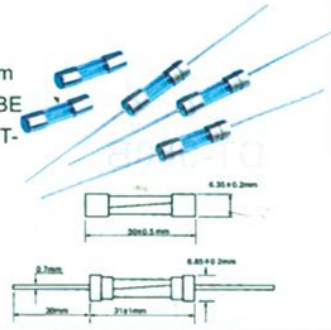
¥ 3 1/2 digits LCD with polarity&low battery indication.
¥ Continuity check with buzzer sound and Back Light functions
¥ Diode test and Transistor test and Data Hold functions.
¥ DC Voltage:200m/2/20/200/600V ±(0.5%rdg+2dgts)
¥ AC Voltage:200/600V ±(1.2%rdg+10dgts)
¥ DC Current:200µ/2m/20m/200m/10A ±(1.0%rdg+2dgts)
¥ Resistance:200/2K/20K/200K/2M½ ±(0.8%rdg+1dgts)
¥ hFE:0~1000
¥ Dimesion:146(L)X72(W)X39(H)mm
¥ Weight:Aprox.170g(including battery)

ZH205(FAST-BLOW)
ZH206(SLOW-BLOW)
ø3.6x10mm
GLASS TUBE FUSE



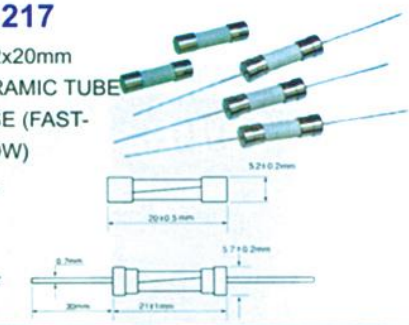
ZH220
ø6.35x30mm
GLASS TUBE FUSE (FAST-BLOW)

NF
GF

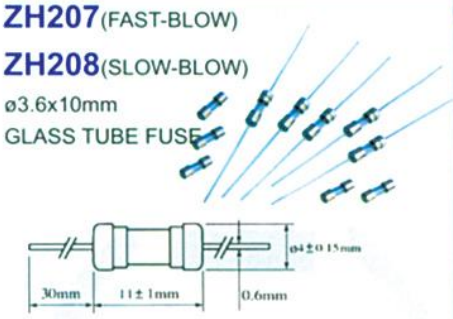


ZH217
ø5.2x20mm
CERAMIC TUBE FUSE (FAST-BLOW)

NF
GF

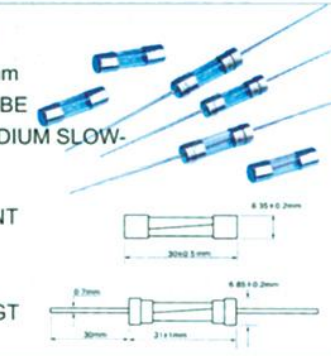


ZH207(FAST-BLOW)
ZH208(SLOW-BLOW)
ø3.6x10mm
GLASS TUBE FUSE



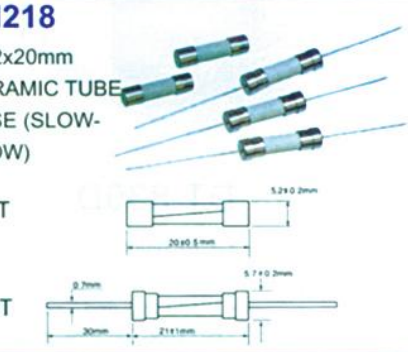
ZH221
ø6.35x30mm
GLASS TUBE FUSE (MEDIUM SLOW-BLOW)

NT
GT

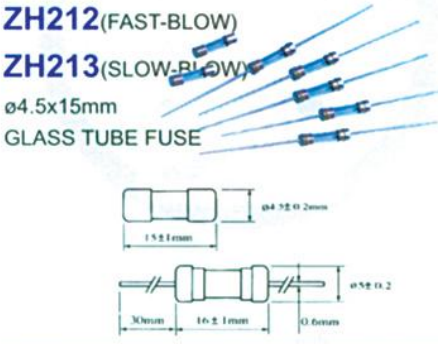


ZH218
ø5.2x20mm
CERAMIC TUBE FUSE (SLOW-BLOW)

NT
GT

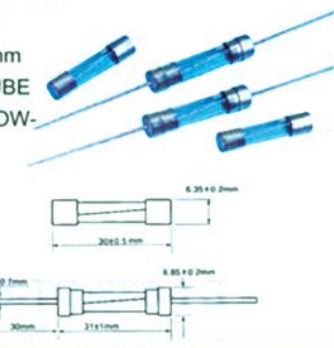


ZH212(FAST-BLOW)
ZH213(SLOW-BLOW)
ø4.5x15mm
GLASS TUBE FUSE

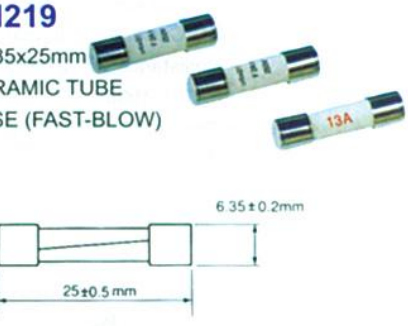


ZH222
ø6.35x30mm
GLASS TUBE FUSE (SLOW-BLOW)

NS
GS

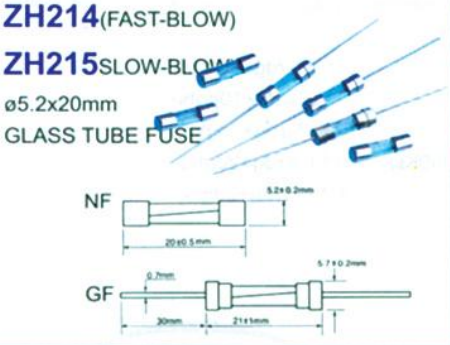


ZH219
ø6.35x25mm
CERAMIC TUBE FUSE (FAST-BLOW)

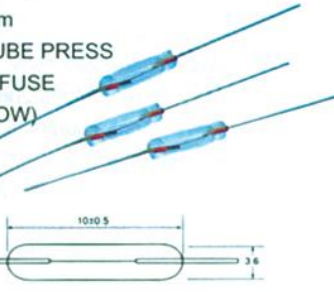


ZH214(FAST-BLOW)
ZH215SLOW-BLOW)
ø5.2x20mm
GLASS TUBE FUSE

NF
GF



ZH211
ø3.6x10mm
GLASS TUBE PRESS -SEALED FUSE (FAST-BLOW)

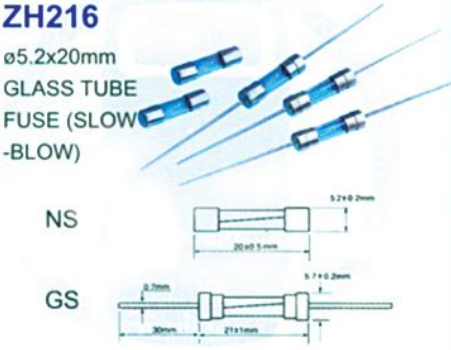


ZH223
ø6.35x32mm
CERAMIC TUBE FUSE (FAST-BLOW)

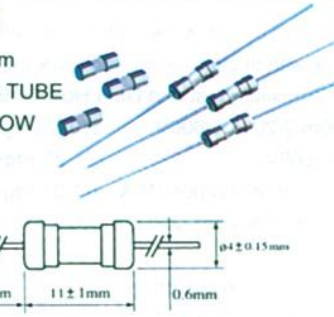
NF
GF

ZH216
ø5.2x20mm
GLASS TUBE FUSE (SLOW-BLOW)

NS
GS



ZH210
ø3.6x10mm
CERAMIC TUBE FUSE (SLOW-BLOW)



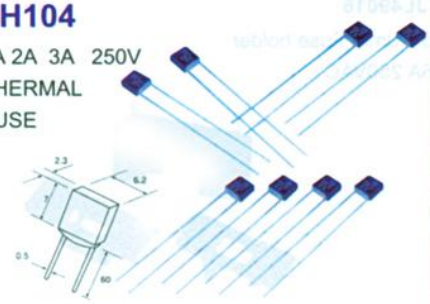
ZH225
ø8.5x31.5mm
MEDIUM TUBE FUSE

ZH226

ø10.3x38mm
MEDIUM TUBE
FUSE

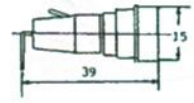
ZH104

1A 2A 3A 250V
THERMAL
FUSE



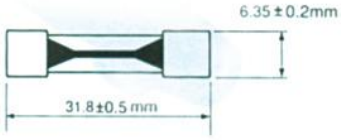
JL49006

5.2x22MM GMA PANEL
MOUNT FUSE HOLDER
250VAC 10A
SCREW CAP

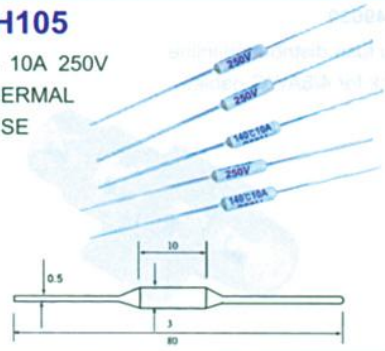
ZH227

ø6.35x32mm
MEDIUM TUBE
FUSE

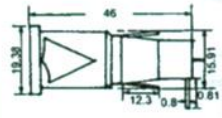
ZH105

3A 10A 250V
THERMAL
FUSE



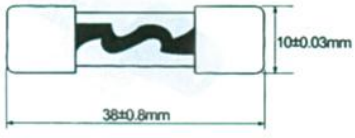
JL49007

6.3x32MM FUSE HOLDER
AC2000V

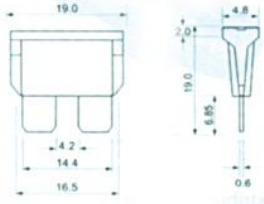
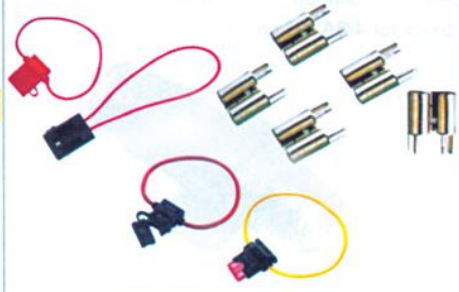
ZH228

ø10.3x38mm
MEDIUM TUBE
FUSE

ZH270

ø6.35x30mm
3A---40A 32V
PLUG-IN
SHEET TYPE
FUSE

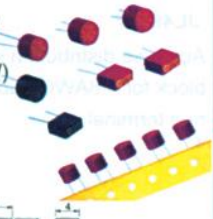
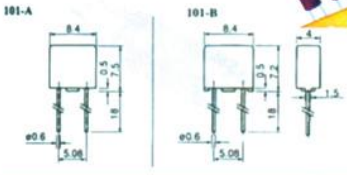
JL49008

5x20MM FUSE HOLDER

ZH101(FAST-BLOW)

ZH102(SLOW-BLOW)

63mA---6.3A 250V
MICRO FUSE

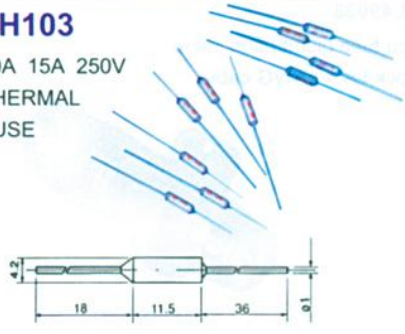



JL49009

6x30MM FUSE HOLDER

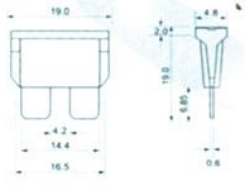
ZH103

10A 15A 250V
THERMAL
FUSE



ZH207-1

3A---40A 32V
HIGH THRMAL
PLUG-IN SHEET
TYPE PUSE

JL49010

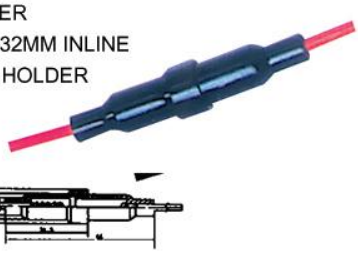
FUSE HOLDER W/8"
12AWG CABLE

JL49011

AUTO FUSE HOLDER
W/8Ó 12AWG CABLE

JL49012

A:5x20MM INLINE FUSE HOLDER
B:6.3x32MM INLINE FUSE HOLDER



JL49013

5x20MM INLINE FUSE HOLDER

JL49014

5x20mm Fuse holder
seat solder type

JL49015

6x30mm Fuse holder
seat solder type

JL49016

5x20mm Fuse holder
5A 250VAC

JL49030

Agu fuse distribution inline block for 4/8AWG gable

JL49031

Agu fuse distribution inline block for 4/8AWG cable

JL49032

Agu fuse distribution inline block for 4/8AWG cable

JL49033

Agu fuse distribution inline block for 4/8AWG cable

JL49034

Agu fuse distribution inline block for 4/8AWG cable

JL49035

Agu fuse distribution inline block for 4/8AWG cable

JL49036

Agu fuse distribution inline block for 4/8AWG cable

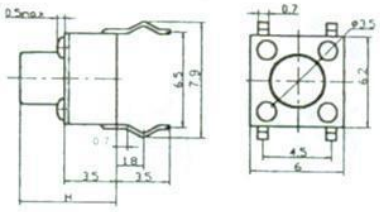
JL49037

Agu fuse distribution inline block for 4/8AWG cable w/ ring terminal

JL49038

Agu fuse distribution inline block for 4/8AWG cable

KAN6211



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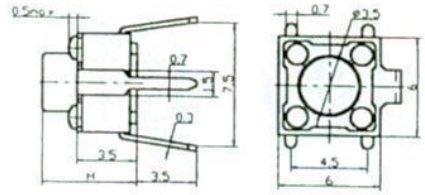
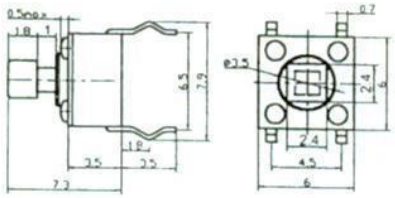


KA0610



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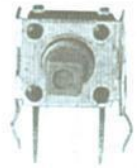

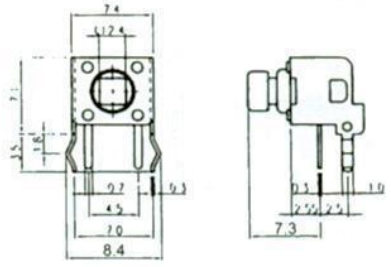

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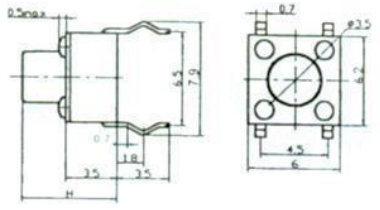

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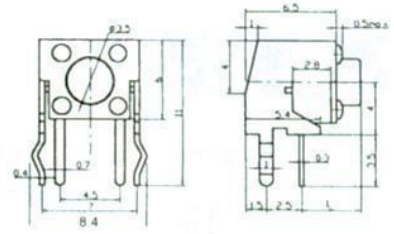
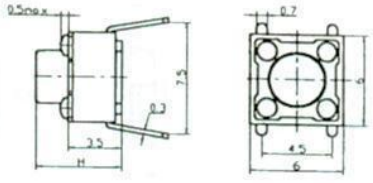


KAN0612



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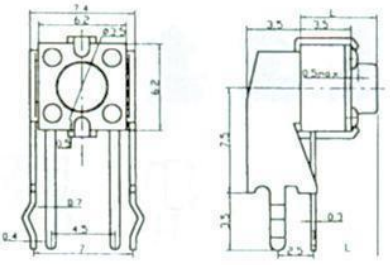

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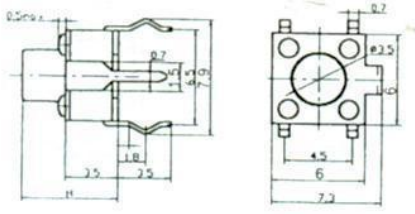

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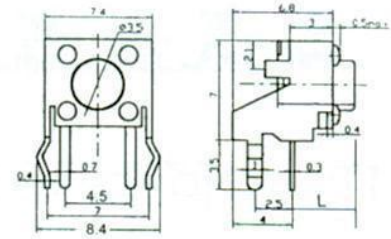

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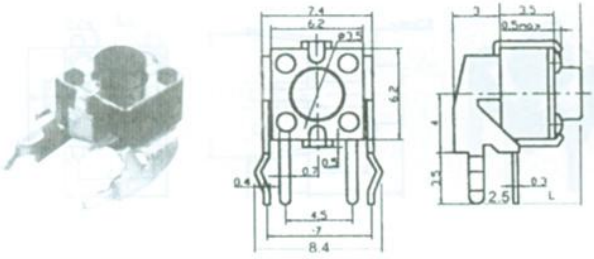
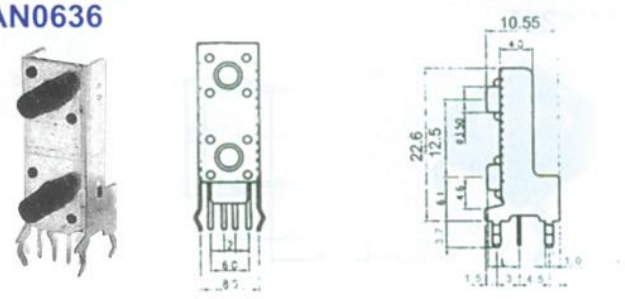
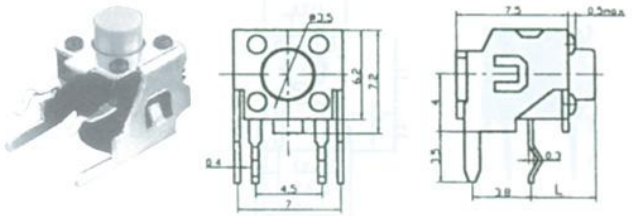


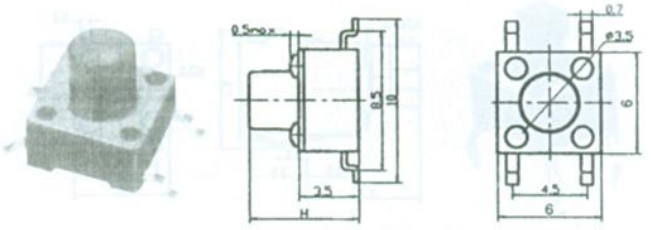
KAN0636



KAN0635



KAN0641



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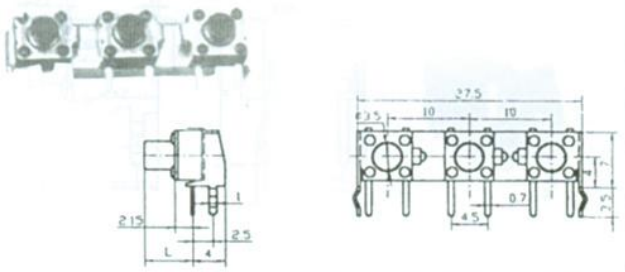

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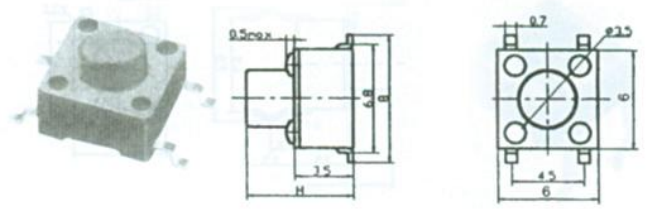

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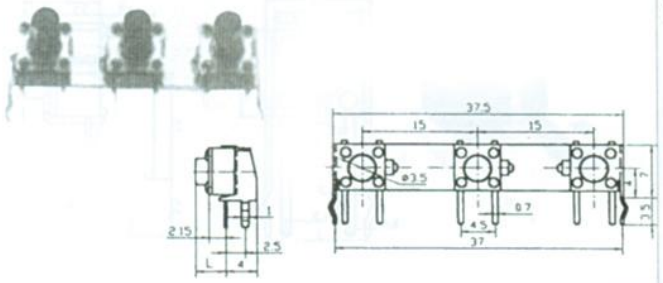
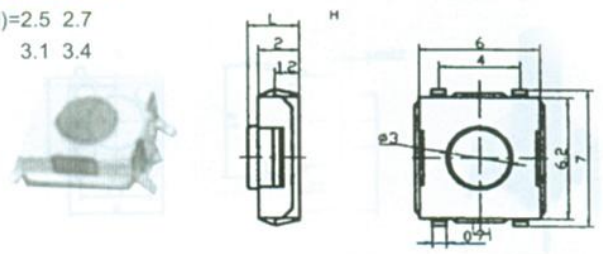


KAN0644

(H)=2.5 2.7
3.1 3.4



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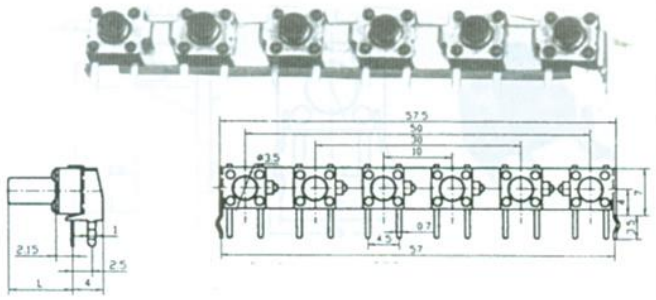
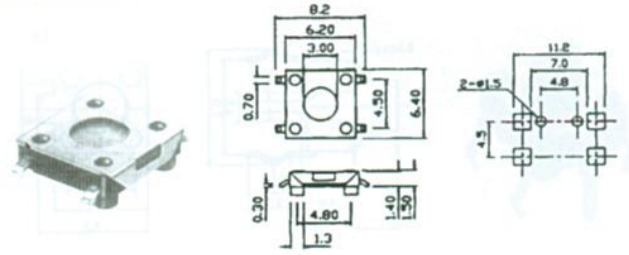


KAN0645



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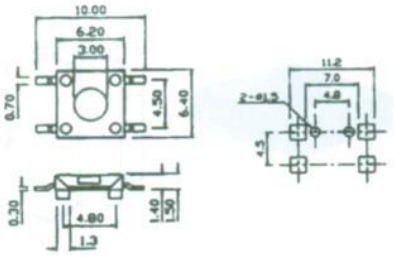
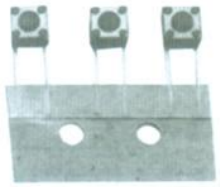
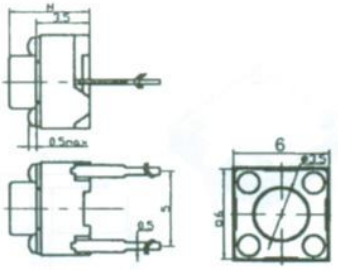
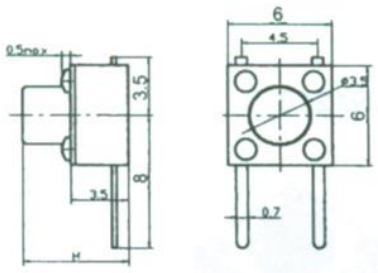


KAN0651



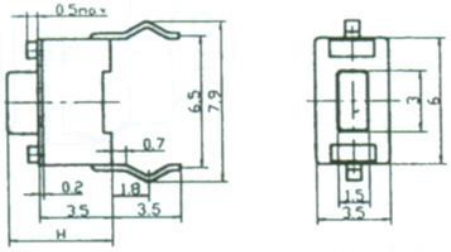


KAN0661



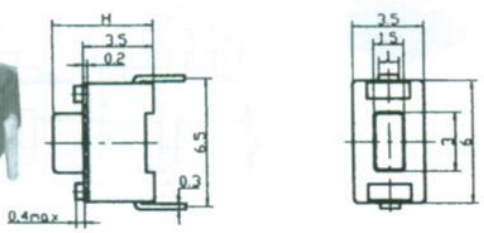
KAN3511

(H)=4.3 5



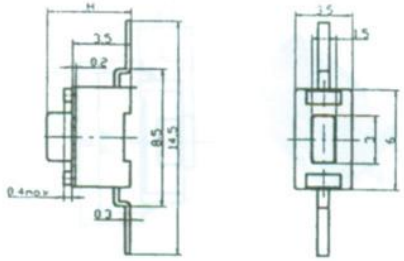
KAN3512

(H)=4.3 5

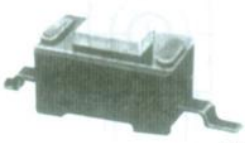


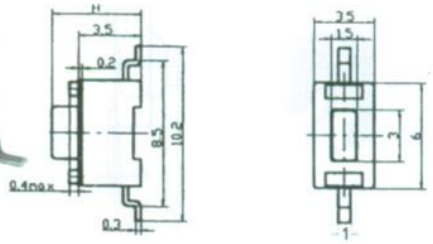
KAN3541

(H)=4.3 5

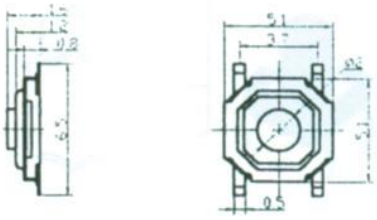


KAN3542





KAN0541



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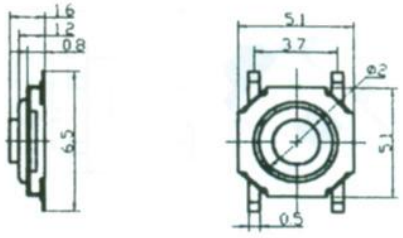
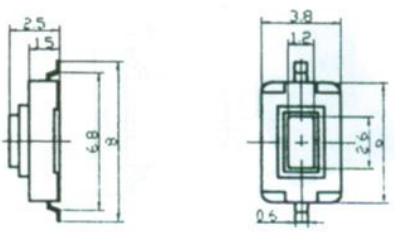
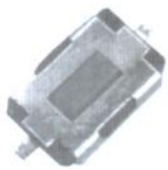
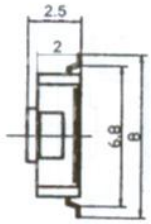


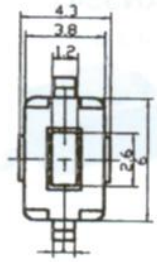
KAN0441



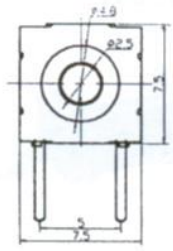
KAN0442



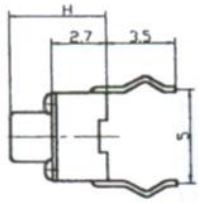


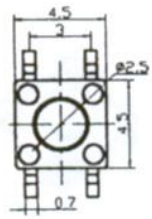


KA7561



KAN4511





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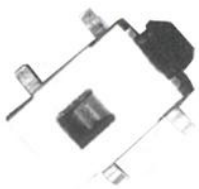
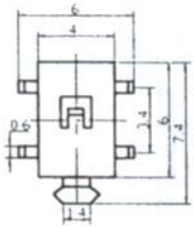
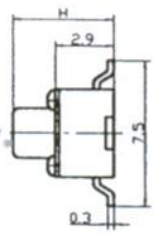
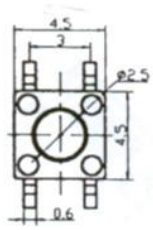


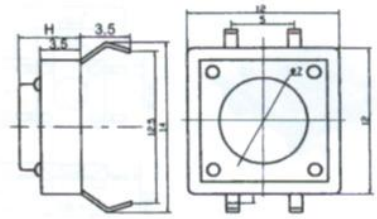


KAN4541

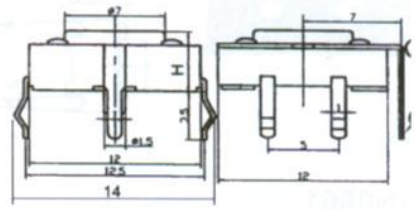




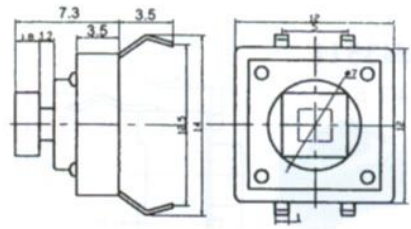
KAN1211



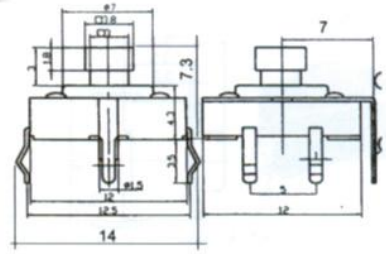
KAN1221



KAN1210

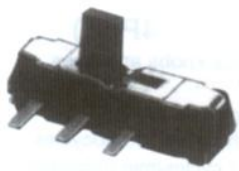


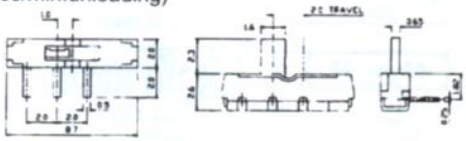
KAN1220



SK-12D18(1P2T)

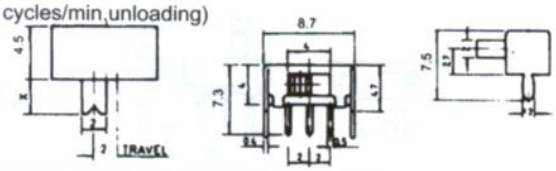
Optional knobs and sizes
G:2
Rating:0.3A 50V DC
Switching life:10,0000cycles
(15-18 cycles/min.unloading)





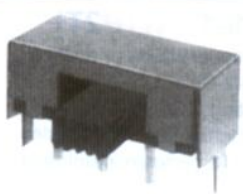
SK-12D01(1P2T)

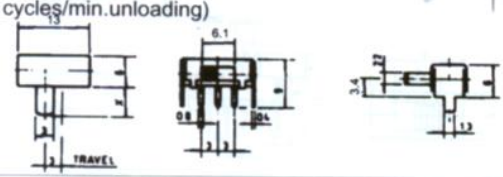
Optional knobs and sizes
VG:2-4
Rating:0.3A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)



SK-12F14(1P2T)

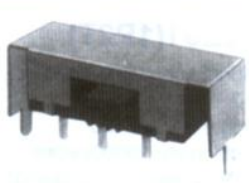
Optional knobs and sizes
G:2-6
Rating:0.5A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)

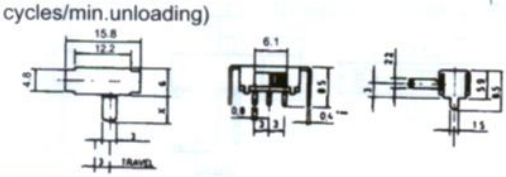




SK-12F02(1P2T)

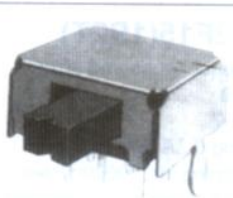
Optional knobs and sizes
G:2-6
Rating:0.5A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)

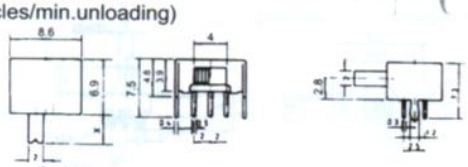




SK-22D01(2P2T)

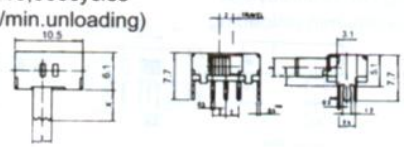
Optional knobs and sizes
VG:2-4
Rating:0.3A 50V DC
Switching life:10,000cycles
(15-18 cycles/min.unloading)





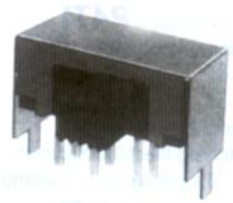
SK-22D03(2P2T)

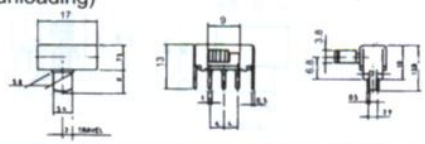
Optional knobs and sizes
G:4-6
PG:4-6
Rating:0.3A 50V DC
Switching life:10,000cycles
(15-18 cycles/min.unloading)



SK-22F03(2P2T)

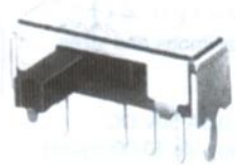
Optional knobs and sizes
G:4-15
AT:5-15
M:7-16Rating:0.5A 50V DC
Switching life:10,000cycles
(15-18 cycles/min.unloading)

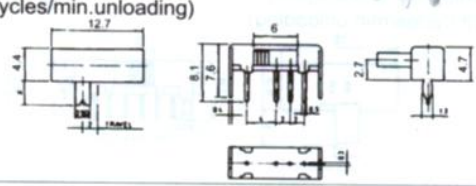




SK-13D03(1P3T)

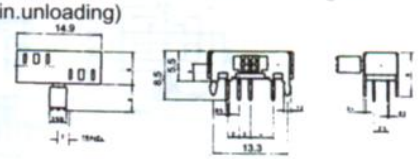
Optional knobs and sizes
VG:2-4
Rating:0.3A 50V DC
Switching life:10,000cycles
(15-18 cycles/min.unloading)





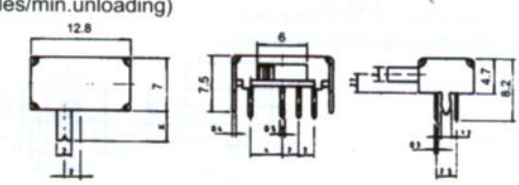
SK-23D06(2P3T)

Optional knobs and sizes
G:2-9
PG:4-8
Rating:0.3A 50V DC
Switching life:10,000cycles
(15-18 cycles/min.unloading)



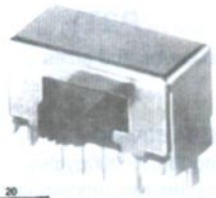
SK-23D07(2P3T)

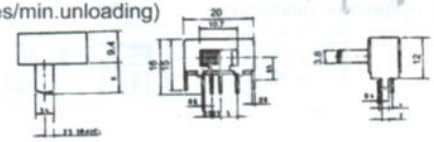
Optional knobs and sizes
VG:2-4
Rating:0.3A 50V DC
Switching life:10,000cycles
(15-18 cycles/min.unloading)



SK-23E01(2P3T)

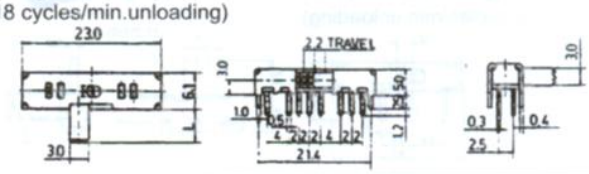
Optional knobs and sizes
G:5-15
M:7-16
Rating:0.3A 50V DC
Switching life:10,000cycles
(15-18 cycles/min.unloading)





SK-43D05(4P3T)

Optional knobs and sizes
G:4-7
Rating:0.5A 50V DC
Switching life:10,000cycles
(15-18 cycles/min.unloading)

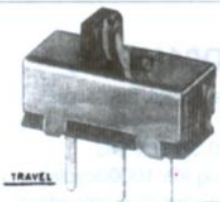


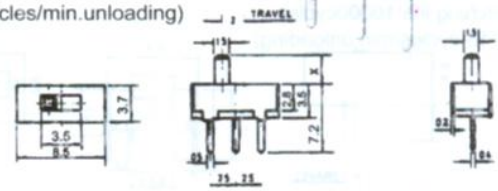
SK-24H02(2P4T)

Optional knobs and sizes
G:5-12
M:7-16
Rating:0.3A 50V DC
Switching life:10,000cycles
(15-18 cycles/min.unloading)

SS-12D00(1P2T)

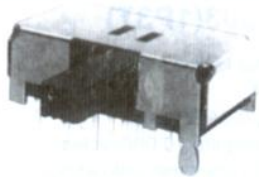
Optional knobs and sizes
G:2-6
Rating:0.3A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)

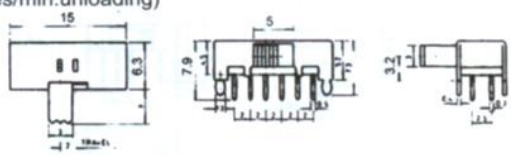




SK-42D01(4P2T)

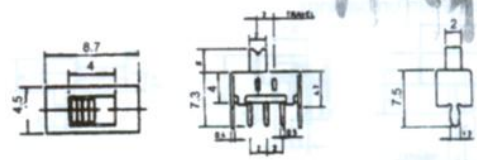
Optional knobs and sizes
G:2-11
PG:4
Rating:0.3A 50V DC
Switching life:10,000cycles
(15-18 cycles/min.unloading)





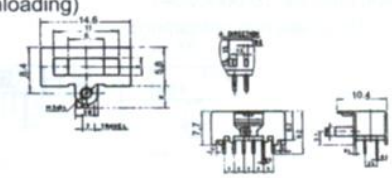
SS-12D01(1P2T)

Optional knobs and sizes
VG:2-6
Rating:0.3A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)



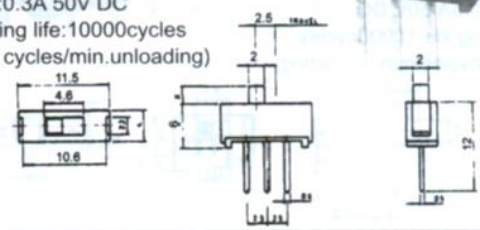
SK-42D04(4P2T)

Optional knobs and sizes
VG:4
Rating:0.3A 50V DC
Switching life:10,000cycles
(15-18 cycles/min.unloading)



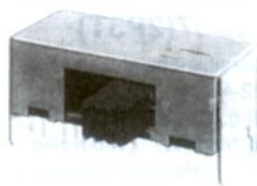
SS-12E01(1P2T)

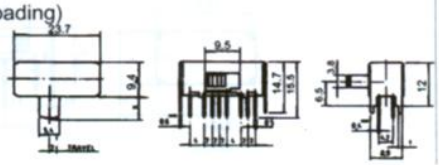
Optional knobs and sizes
G:2-7
Rating:0.3A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)



SK-43D01(4P3T)

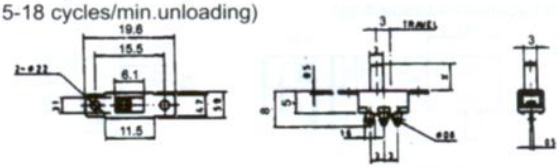
Optional knobs and sizes
G:4-12
M:7-16
Rating:0.3A 50V DC
Switching life:10,000cycles
(15-18 cycles/min.unloading)





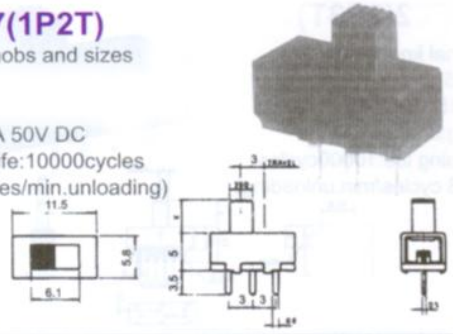
SS-12F15(1P2T)

Optional knobs and sizes
G:2-9
AT:5-7
Rating:0.3A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)



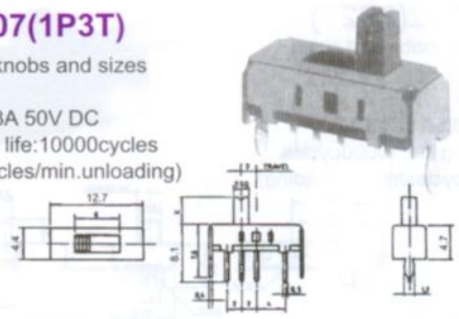
SS-12F17(1P2T)

Optional knobs and sizes
G:2-9
AT:5-7
Rating:0.5A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)



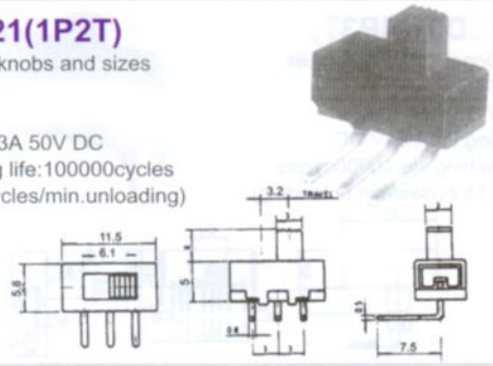
SS-13D07(1P3T)

Optional knobs and sizes
VG:2-4
Rating:0.3A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)



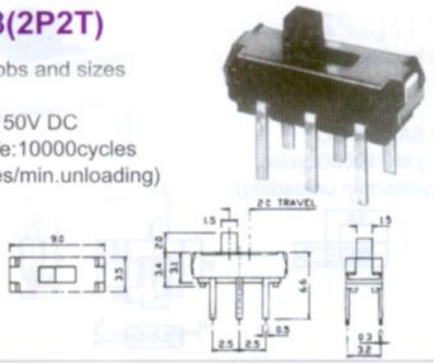
SS-12F21(1P2T)

Optional knobs and sizes
G:2-9
AT:5-7
Rating:0.3A 50V DC
Switching life:100000cycles
(15-18 cycles/min.unloading)



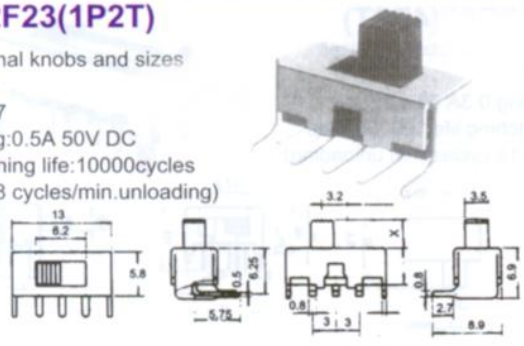
SS-22D18(2P2T)

Optional knobs and sizes
G:2
Rating:0.5A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)



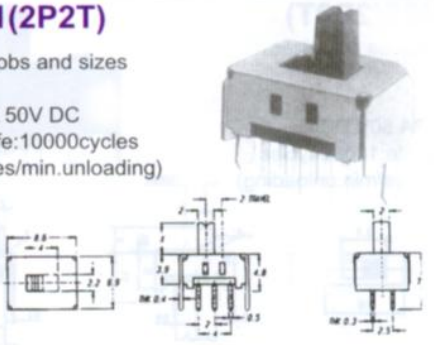
SS-12F23(1P2T)

Optional knobs and sizes
G:2-9
AT:5-7
Rating:0.5A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)



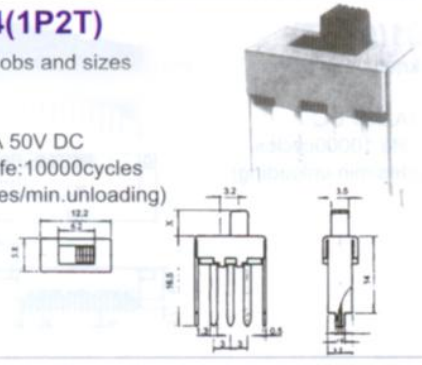
SS-22D01(2P2T)

Optional knobs and sizes
VG:2-4
Rating:0.3A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)



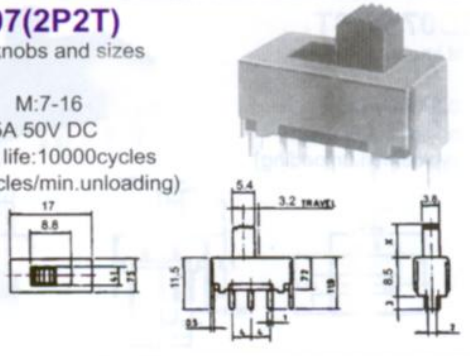
SS-12F24(1P2T)

Optional knobs and sizes
G:2-9
AT:57
Rating:0.5A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)



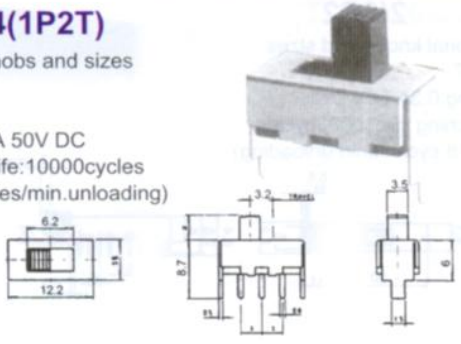
SS-22F07(2P2T)

Optional knobs and sizes
G:2-18
AT:5-15 M:7-16
Rating:0.5A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)



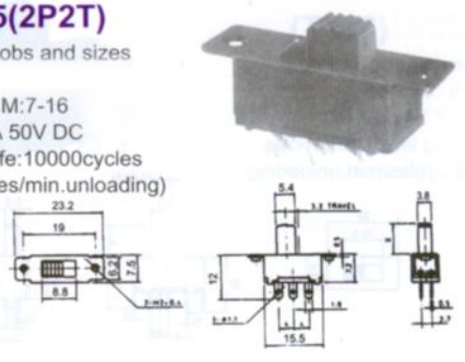
SS-12F44(1P2T)

Optional knobs and sizes
G:2-9
AT:5-7
Rating:0.5A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)



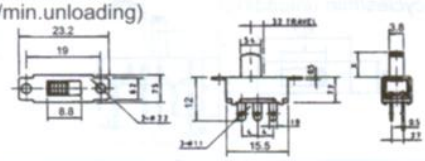
SS-22F25(2P2T)

Optional knobs and sizes
G:2-18
AT:5-15 M:7-16
Rating:0.5A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)



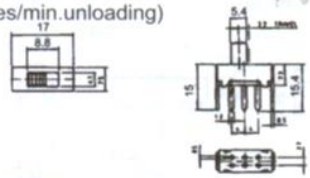
SS-22F32(2P2T)

Optional knobs and sizes
G:2-18
AT:5-15 M:7-16
Rating:0.5A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)



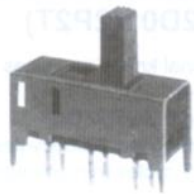
SS-22F17(2P2T)

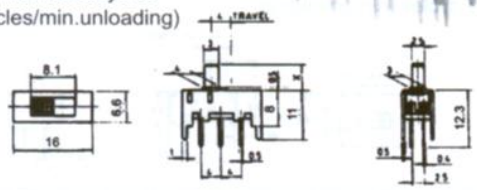
Optional knobs and sizes
G:2-18
AT:5-15 M:7-16
Rating:0.5A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)



SS-22H02(2P2T)

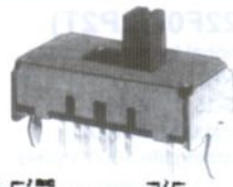
Optional knobs and sizes
G:2-12
AT:8
Rating:0.3A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)

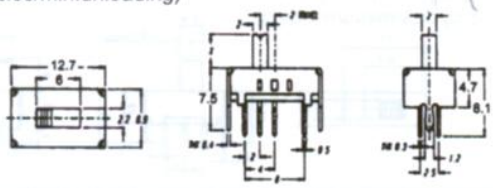




SS-23D07(2P3T)

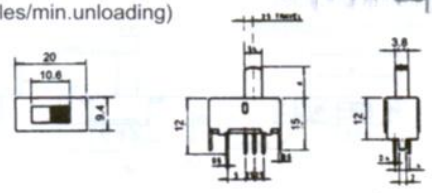
Optional knobs and sizes
VG:2-4
Rating:0.3A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)





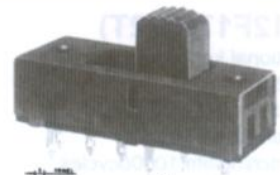
SS-23E01(2P3T)

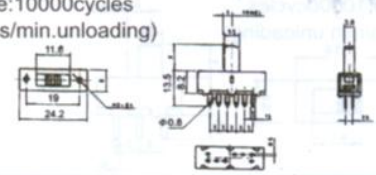
Optional knobs and sizes
G:5-15 M:7-16
Rating:0.3A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)



SS-23F02(2P3T)

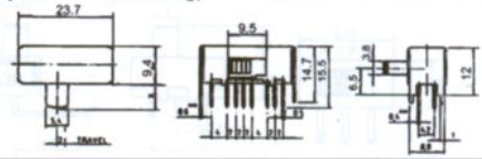
Optional knobs and sizes
G:6-15
AT:7-15 M:7-16
Rating:0.3A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)





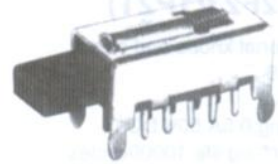
SS-43D01(4P3T)

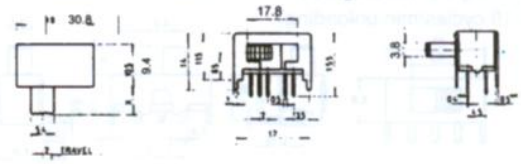
Optional knobs and sizes
G:7-15
AT:7-15 M:7-16
Rating:0.3A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)



SS-42D02(4P2T)

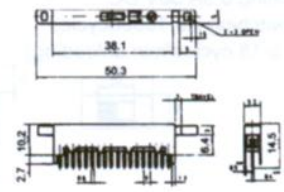
Optional knobs and sizes
G:6
Rating:0.3A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)





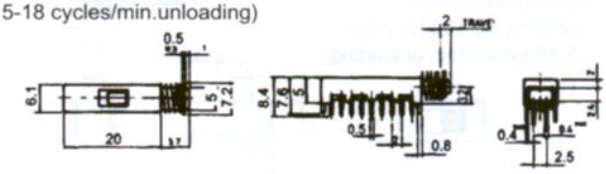
SS-62D01(6P2T)

Optional knobs and sizes
G:7
Rating:0.3A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)



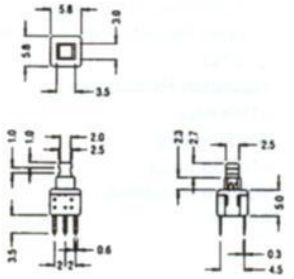
SS-62D02(6P2T)

Optional knobs and sizes
G:5-7
Rating:0.3A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)



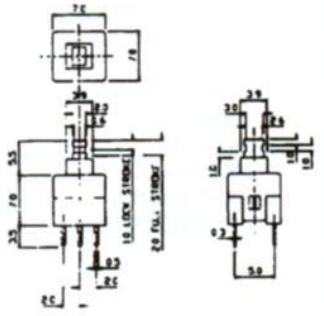
PB-22E06(2P2T)

(5.8X5.8)
Optional knobs and sizes
Rating:0.3A 50V DC
Switching life:10,000cycles
(15-18 cycles/min.unloading)



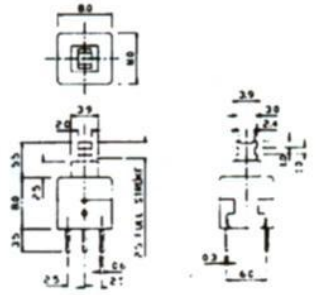
PB-22E07(2P2T)

(7X7)
Optional knobs and sizes
Rating:0.3A 50V DC
Switching life:10,000cycles
(15-18 cycles/min.unloading)



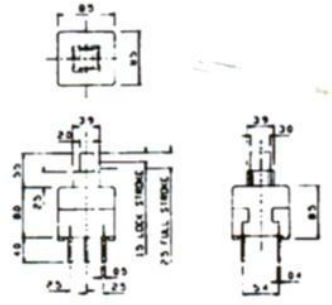
PB-22E08(2P2T)

(8X8)
Optional knobs and sizes
Rating:0.3A 50V DC
Switching life:10,000cycles
(15-18 cycles/min.unloading)



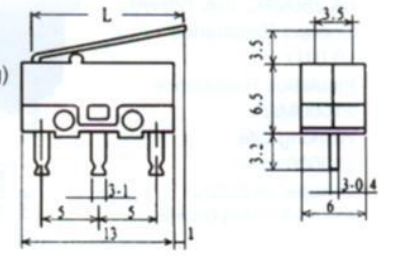
PB-22E09(2P2T)

(8.5X8.5)
Optional knobs and sizes
Rating:0.3A 50V DC
Switching life:10,000cycles
(15-18 cycles/min.unloading)



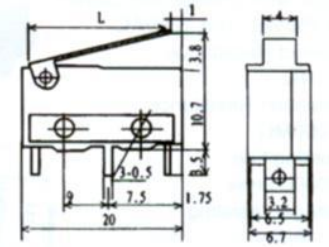
KW10-3Z-02

Optional knobs and sizes
Rating:A C 125V 1A
Switching life:10,000cycles
(15-18 cycles/min.unloading)



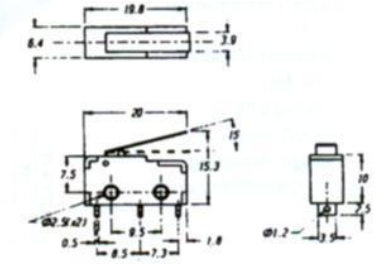
KW12-3Z-18

Optional knobs and sizes
Rating:A C 125V 1A
Switching life:10,000cycles
(15-18 cycles/min.unloading)



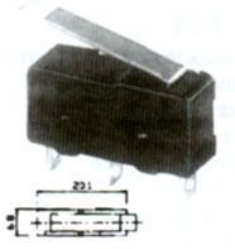
LF-101

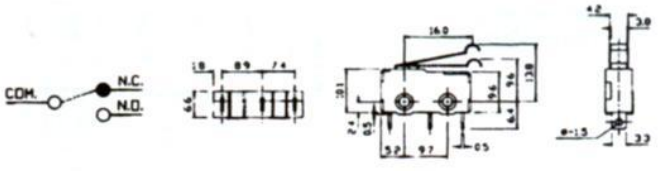
Optional knobs and sizes
Rating:A C 125V 1A
Switching life:10,000cycles
(15-18 cycles/min.unloading)



LF-102

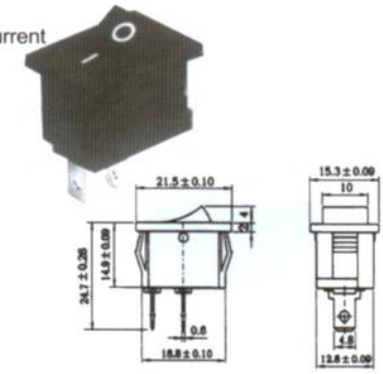
Optional knobs and sizes
Rating:A C 125V 1A
Switching life:10,000cycles
(15-18 cycles/min.unloading)





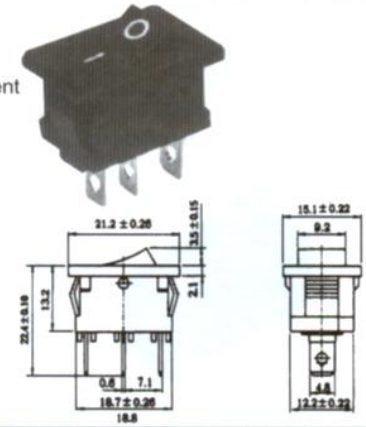
KCD1-101

Rated work Voltage and Current
6A 250VAC.10A 125VAC
Contact Resistance
≤0.01Ω
Insulation Resistance
≥1000MΩ
Working Life
≥10000 times
Voltage -resisting
AC 1500V(50Hz)/min



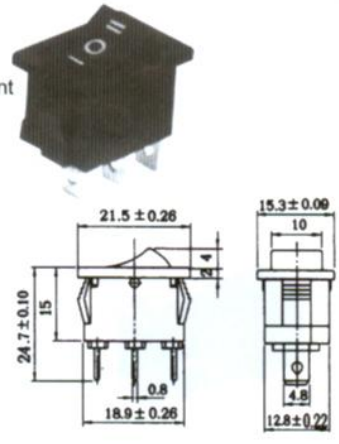
KCD1-102

Rated work Voltage and Current
6A 250VAC.10A 125VAC
Contact Resistance
≤0.01Ω
Insulation Resistance
≥1000MΩ
Working Life
≥10000 times
Voltage -resisting
AC 1500V(50Hz)/min



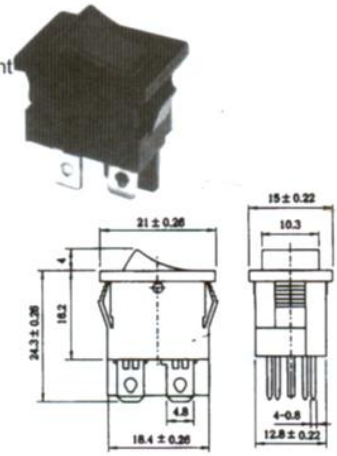
KCD1-103

Rated work Voltage and Current
6A 250VAC.10A 125VAC
Contact Resistance
≤0.01Ω
Insulation Resistance
≥1000MΩ
Working Life
≥10000 times
Voltage -resisting
AC 1500V(50Hz)/min



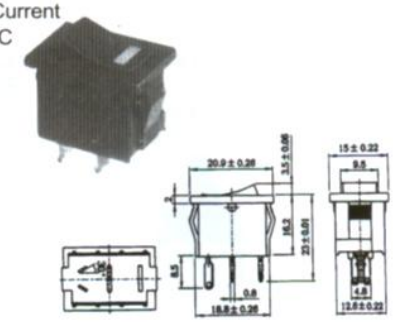
KCD1-104

Rated work Voltage and Current
6A 250VAC.10A 125VAC
Contact Resistance
≤0.01Ω
Insulation Resistance
≥1000MΩ
Working Life
≥10000 times
Voltage -resisting
AC 1500V(50Hz)/min



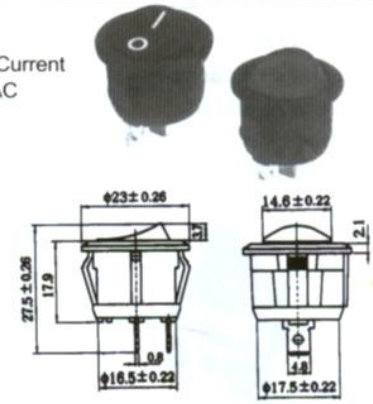
KCD4-201

Rated work Voltage and Current
15A 250VAC.20A 125VAC
Contact Resistance
≤0.01Ω
Insulation Resistance
≥1000MΩ
Working Life
≥10000 times
Voltage -resisting
AC 1500V(50Hz)/min



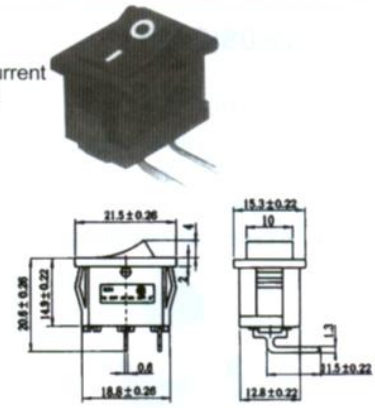
KCD5-201

Rated work Voltage and Current
15A 250VAC.20A 125VAC
Contact Resistance
≤0.01Ω
Insulation Resistance
≥1000MΩ
Working Life
≥10000 times
Voltage -resisting
AC 1500V(50Hz)/min



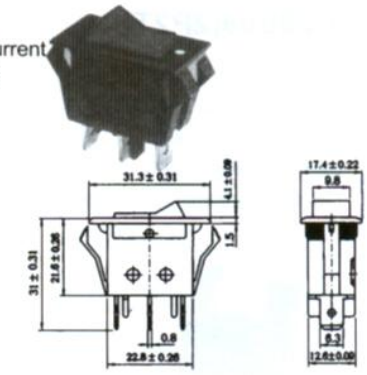
KCD3-102/N

Rated work Voltage and Current
15A 250VAC.20A 125VAC
Contact Resistance
≤0.01Ω
Insulation Resistance
≥1000MΩ
Working Life
≥10000 times
Voltage -resisting
AC 1500V(50Hz)/min



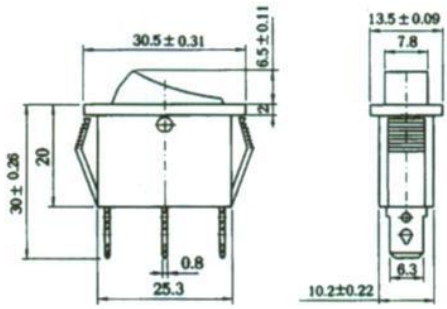
KCD3-102

Rated work Voltage and Current
15A 250VAC.20A 125VAC
Contact Resistance
≤0.01Ω
Insulation Resistance
≥1000MΩ
Working Life
≥10000 times
Voltage -resisting
AC 1500V(50Hz)/min



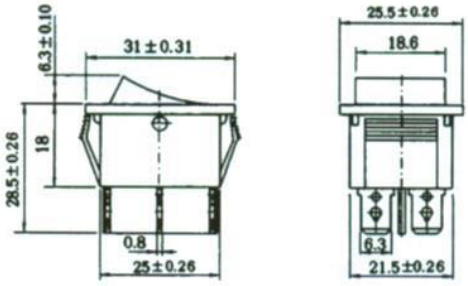
KCD3-102/NC

Rated work Voltage and Current
15A 250VAC.20A 125VAC
Contact Resistance
≤0.01Ω
Insulation Resistance
≥1000MΩ
Working Life
≥10000 times
Voltage -resisting
AC 1500V(50Hz)min



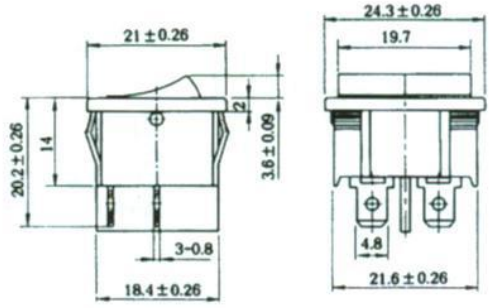
KCD5-201

Rated work Voltage and Current
15A 250VAC.20A 125VAC
Contact Resistance
≤0.01Ω
Insulation Resistance
≥1000MΩ
Working Life
≥10000 times
Voltage -resisting
AC 1500V(50Hz)min



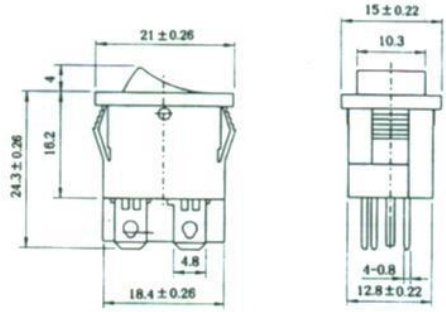
KCD3-102/NX

Rated work Voltage and Current
15A 250VAC.20A 125VAC
Contact Resistance
≤0.01Ω
Insulation Resistance
≥1000MΩ
Working Life
≥10000 times
Voltage -resisting
AC 1500V(50Hz)min



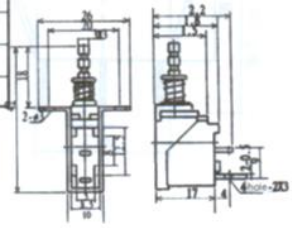
KCD3-102X

Rated work Voltage and Current
15A 250VAC.20A 125VAC
Contact Resistance
≤0.01Ω
Insulation Resistance
≥1000MΩ
Working Life
≥10000 times
Voltage -resisting
AC 1500V(50Hz)min



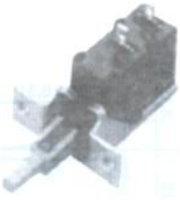
SW-2

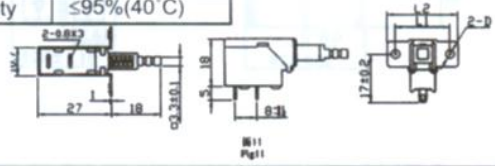
Insulation Resistance	≥100MΩ
Contact Resistance	≤0.03Ω
Rated Voltage	AC 5A
Rated Current	8A 250V
Withstand Voltage	1500VAC/1min
Life(times)	≥15000
Temperature	-25~+85°C
Relative Humidity	≤95%(40°C)



SW-3

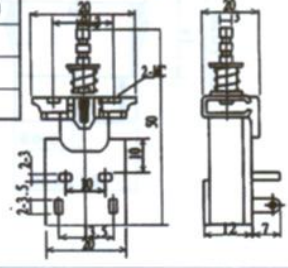
Insulation Resistance	≥100MΩ
Contact Resistance	≤0.03Ω
Rated Voltage	AC 5A
Rated Current	8A 250V
Withstand Voltage	1500VAC/1min
Life(times)	≥15000
Temperature	-25~+85°C
Relative Humidity	≤95%(40°C)





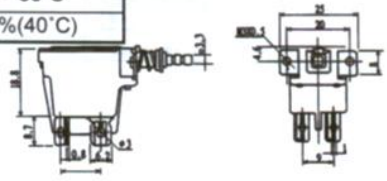
KDC-A03

Insulation Resistance	≥100MΩ
Contact Resistance	≤0.03Ω
Rated Voltage	AC 5A
Rated Current	8A 250V
Withstand Voltage	1500VAC/1min
Life(times)	≥15000
Temperature	-25~+85°C
Relative Humidity	≤95%(40°C)



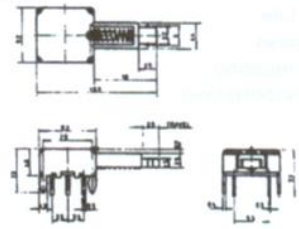
KDC-A04

Insulation Resistance	≥100MΩ
Contact Resistance	≤0.03Ω
Rated Voltage	AC 5A
Rated Current	40A 250V
Withstand Voltage	1500VAC/1min
Life(times)	≥15000
Temperature	-25~+85°C
Relative Humidity	≤95%(40°C)



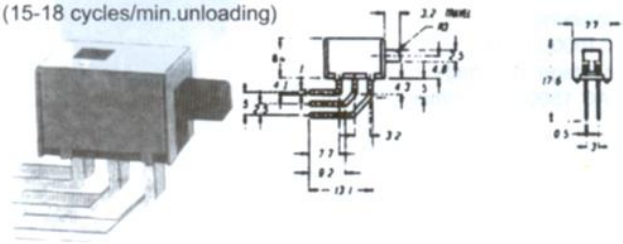
PS-22E02(2P2T)

Optional knobs and sizes
G:10(LOCK)
Rating:0.3A 50V DC
Switching life:10,000cycles
(15-18 cycles/min.unloading)



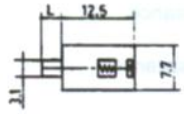
PS-22E05(2P2T)

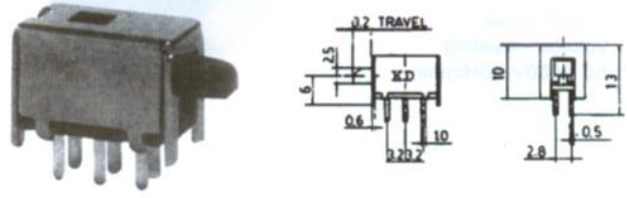
Optional knobs and sizes
G:3.2,9
Rating:0.3A 50V DC
Switching life:10,000cycles
(15-18 cycles/min.unloading)



PS-22E15(2P2T)

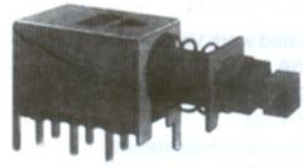
Optional knobs and sizes
G:3.2-5
Rating:0.3A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)

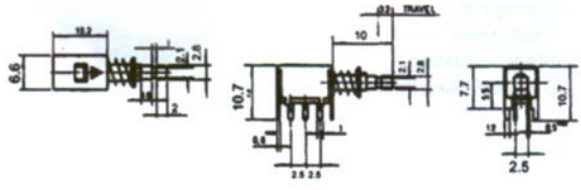




PS-22F02(2P2T)

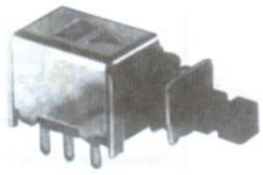
Optional knobs and sizes
G:10(LOCK)
Rating:0.3A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)

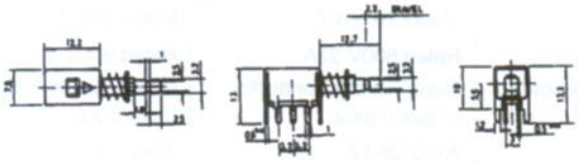




PS-22F03(2P2T)

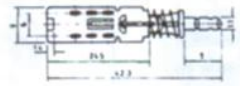
Optional knobs and sizes
G:12.5(LOCK)
Rating:0.3A 50V DC
Switching life:10,000cycles
(15-18 cycles/min.unloading)

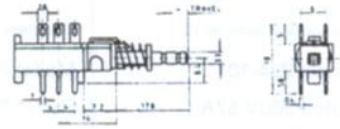




PS-22H01(2P2T)

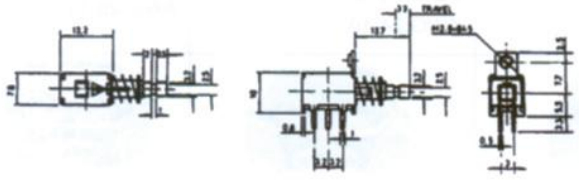
Optional knobs and sizes
Rating:0.5A 50V DC
Switching life:10,000cycles
(15-18 cycles/min.unloading)





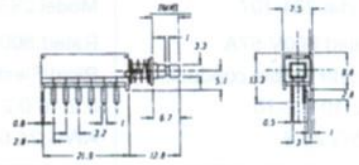
PS-22F05(2P2T)

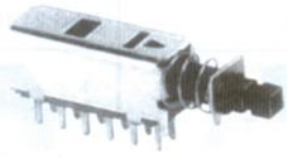
Optional knobs and sizes
G:12.7(LOCK)
Rating:0.3A 50V DC
Switching life:10,000cycles
(15-18 cycles/min.unloading)



PS-42F08(4P2T)

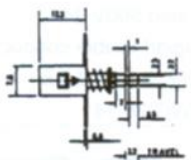
Optional knobs and sizes
G:12.8(LOCK)
Rating:0.3A 50V DC
Switching life:10,000cycles
(15-18 cycles/min.unloading)

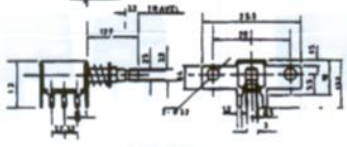


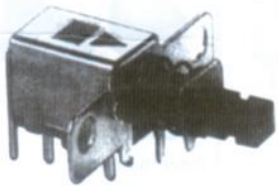


PS-22F06(2P2T)

Optional knobs and sizes
G:12.5,14.5(LOCK)
Rating:0.3A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)

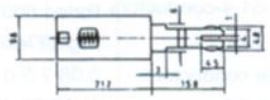


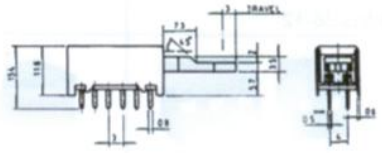




PS-42F01(4P2T)

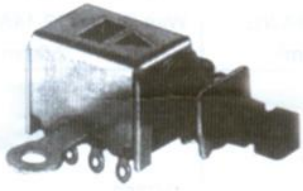
Optional knobs and sizes
G:15.8
Rating:0.3A 50V DG
Switching life:10,000cycles
(15-18 cycles/min.unloadir

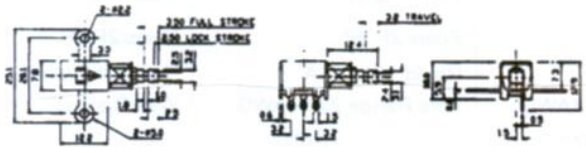




PS-22F52(2P2T)

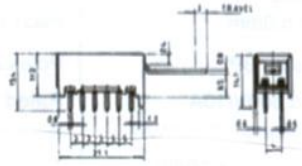
Optional knobs and sizes
G:12.7(LOCK)
Rating:0.3A 50V DC
Switching life:10000cycles
(15-18 cycles/min.unloading)





PS-42F02(4P2T)

Optional knobs and sizes
MG:5-14.5
Rating:0.3A 50V DG
Switching life:10,000cycles
(15-18 cycles/min.unloading)



Thickness of terminal 10

Model:284-101
Rated:800V 57A
Rigid/Flexible conductor:
0.2-10 0.2-10
AWG:24-8

Thickness of terminal 12

Model:283-101
Rated:800V 76A
Rigid/Flexible conductor:
0.2-16 0.2-16
AWG:24-6

Thickness of terminal 5

Model:280-107
Rated:800V 24A
Rigid/Flexible conductor:
0.08-2.5 0.08-2.5
AWG:28-12

Thickness of terminal 6

Model:281-107
Rated:800V 32A
Rigid/Flexible conductor:
0.08-4 0.08-4
AWG:28-12

Thickness of terminal 8

Model:282-107
Rated:800V 41A
Rigid/Flexible conductor:
0.2-6 0.2-6
AWG:24-10

Thickness of terminal 10

Model:284-107
Rated:800V 57A
Rigid/Flexible conductor:
0.2-10 0.2-10
AWG:24-8

Thickness of terminal 12

Model:283-107
Rated:800V 76A
Rigid/Flexible conductor:
0.2-16 0.2-16
AWG:24-6

Thickness of terminal 13

Model:282-124
Rated:220V 10A
Rigid/Flexible conductor:
0.2-6 0.0.2-6
AWG:24-10

Thickness of terminal 13

Model:282-122
Rated:220V 10A
Rigid/Flexible conductor:
0.2-6 0.2-6
AWG:24-10

Thickness of terminal 6/10

Model:264-711 2-conductors
264-731 4-conductors
Rated:800V 24A
Rigid/Flexible conductor:
0.08-24 0.08-24
AWG:28-12

Thickness of terminal 6/10

Model:264-321 2-conductors
264-351 4-conductors
Rated:800V 24A
Rigid/Flexible conductor:
0.08-2.5 0.08-2.5
AWG:28-12

Thickness of terminal 6

Model:264-737
Rated:800V 24A
Rigid/Flexible conductor:
0.08-2.5 0.08-2.5
AWG:28-12

Thickness of terminal 5/8

Model:260-301 2-conductors
260-331 4-conductors
Rated:400V 18A
Rigid/Flexible conductor:
0.08-1.5 0.08-1.5
AWG:28-16

Thickness of terminal 6/10

Model:261-301 2-conductors
261-331 4-conductors
Rated:500V 24A
Rigid/Flexible conductor:
0.08-2.5 0.08-2.5
AWG:28-14

Thickness of terminal 7/12

Model:262-301 2-conductors
262-331 4-conductors
Rated:630V 24A
Rigid/Flexible conductor:
0.08-4 0.08-4
AWG:28-12

DG300
Pitch:5.0mm
Poles:2P,3P
Rated:300V/16A
Wire Range:22-14AWG
2.5mm²

DG300R
Pitch:5.0mm
Poles:2P,3P
Rated:300V/16A
Wire Range:22-14AWG
2.5mm²

DG305
Pitch:5.0mm
Poles:2P,3P
Rated:300V/10A
Wire Range:22-14AWG
2.5mm²

DG301
Pitch:5.0mm
Poles:2P,3P
Rated:300V/16A
Wire Range:22-14AWG
2.5mm²

DG301R
Pitch:5.0mm
Poles:2P,3P
Rated:300V/16A
Wire Range:22-14AWG
2.5mm²

DG306
Pitch:5.0mm
Poles:2P,3P
Rated:300V/10A
Wire Range:22-14AWG
2.5mm²

DG300-7.5
Pitch:7.5mm
Poles:2P,3P
Rated:300V/16A
Wire Range:22-14AWG
2.5mm²

DG305-7.5
Pitch:7.5mm
Poles:2P,3P
Rated:300V/10A
Wire Range:22-14AWG
2.5mm²

DG360
Pitch:7.5mm
Poles:2P,3P
Rated:300V/16A
Wire Range:22-14AWG
2.5mm²

DG365
Pitch:7.5mm
Poles:2P,3P
Rated:250V/16A
Wire Range:22-14AWG
2.5mm²

DG330
Pitch:5.0mm
Poles:2P,3P
Rated:300V/16A
Wire Range:22-12AWG
2.5mm²

DG331
Pitch:5.0mm
Poles:2P,3P
Rated:300V/10A
Wire Range:28-14AWG
1.5mm²

DG332K
Pitch:5.0mm
Poles:2P,3P
Rated:250V/10A
Wire Range:22-14AWG
2.5mm²

DG332J
Pitch:5.0mm
Poles:1-24P
Rated:250V/10A

DG333K
Pitch:3.5mm
Poles:2P,3P
Rated:250V/10A
Wire Range:28-16AWG
1.5mm²

DG333J
Pitch:3.5mm
Poles:1P,2P~24P
Rated:250V/10A

DG340
Pitch:3.81mm
Poles:2P,3P
Rated:300V/10A
Wire Range:24-18AWG
1mm²

DG340R
Pitch:3.81mm
Poles:2P,3P
Rated:300V/10A
Wire Range:24-18AWG
1mm²

DG350-3.5
DG350-3.96
Pitch:3.5mm, 3.96mm
Poles:2P,3P
Rated:300V/10A
Wire Range:24-18AWG
1mm²

DG350R-3.5
DG350R-3.96
Pitch:3.5mm, 3.96mm
Poles:2P,3P
Rated:300V/10A
Wire Range:24-18AWG
1mm²

DG126
Pitch:5.0mm
Poles:2P,3P
Rated:300V/10A
Wire Range:26-14AWG
1.5mm²

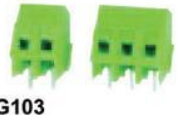
DG126R
Pitch:5.0mm
Poles:2P,3P
Rated:300V/10A
Wire Range:26-14AWG
1.5mm²

DG166
Pitch:5.0mm
Poles:2P,3P
Rated:300V/12A
Wire Range:18-12AWG
2.5mm²

DG167
Pitch:5.0mm
Poles:2-12P
Rated:250V/15A
Wire Range:22-12AWG
2.5mm²

DG167R
Pitch:5.0mm
Poles:2-12P
Rated:250V/15A
Wire Range:22-12AWG
2.5mm²

DG308
Pitch:2.54mm
Poles:2P,3P
Rated:300V/8A
Wire Range:26-18AWG
1mm²



DG103
Pitch:5.0mm
Poles:2P,3P
Rated:300V/10A
Wire Range:24-12AWG
2.5mm²

DG128-5.0
DG128-7.5
Pitch:5.0mm 7.5mm
Poles:2P,3P
Rated:300V/10A
Wire Range:24-12AWG
2.5mm²

DG128R-5.0
DG128R-7.5
Pitch:5.0mm 7.5mm
Poles:2P,3P
Rated:300V/10A
Wire Range:24-12AWG
2.5mm²

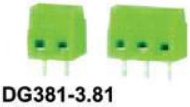
DG127
Pitch:5.0mm
Poles:2P,3P
Rated:150V/13.5A
Wire Range:26-16AWG
1.5mm²

DG129
Pitch:5.0mm
Poles:2P,3P
Rated:300V/25A
Wire Range:24-12AWG
2.5mm²

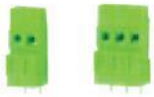
DG635
Pitch:6.35mm
Poles:2P,3P
Rated:300V/32A
Wire Range:22-12AWG
4mm²

DG636
Pitch:6.35mm
Poles:2P~3P
Rated:300V/30A
Wire Range:24-10AWG
4mm²

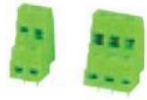
DG950
Pitch:9.5mm
Poles:2P,3P
Rated:300V/30A
Wire Range:26-10AWG
4mm²



DG381-3.81
DG381-3.5
Pitch:3.5mm 3.81mm
Poles:2P,3P
Rated:300V/10A
Wire Range:24-12AWG
1.5mm²



DG381H
Pitch:3.81mm
Poles:2P,3P
Rated:300V/10A
Wire Range:24-16AWG
1.5mm²

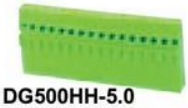


DG381A
Pitch:3.81mm
Poles:2P*2,3P*2
Rated:300V/10A
Wire Range:24-16AWG
1.5mm²

DG381B
Pitch:3.81mm
Poles:2P*2,3P*2
Rated:300V/10A
Wire Range:24-16AWG
1.5mm²

DG500-5.0
DG500-5.08
Pitch:5.0mm, 5.08mm
Poles:2P,3P
Rated:300V/10A
Wire Range:24-12AWG
2.5mm²

DG500H-5.0
DG500H-5.08
Pitch:5.0mm, 5.08mm
Poles:2P,3P
Rated:300V/10A
Wire Range:24-12AWG
2.5mm²

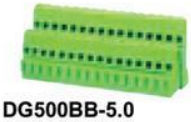


DG500HH-5.0
DG500HH-5.08
Pitch:5.0mm, 5.08mm
Poles:2P,3P
Rated:300V/10A
Wire Range:24-12AWG
2.5mm²

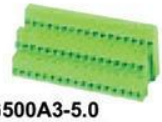
DG500A-5.0
DG500A-5.08
Pitch:5.0mm, 5.08mm
Poles:2P*2,3P*2
Rated:300V/10A
Wire Range:24-12AWG
2.5mm²

DG500B-5.0
DG500B-5.08
Pitch:5.0mm, 5.08mm
Poles:2P*2,3P*2
Rated:300V/10A
Wire Range:24-12AWG
2.5mm²

DG500AA-5.0
DG500AA-5.08
Pitch:5.0mm, 5.08mm
Poles:2P*2,3P*2
Rated:300V/10A
Wire Range:24-12AWG
2.5mm²



DG500BB-5.0
DG500BB-5.08
Pitch:5.0mm, 5.08mm
Poles:2P*2,3P*2
Rated:300V/10A
Wire Range:24-12AWG
2.5mm²



DG500A3-5.0
DG500A3-5.08
Pitch:5.0mm,5.08mm
Poles:2P*3,3P*3
Rated:300V/10A
Wire Range:24-12AWG
2.5mm²

DG295
Pitch:4.57mm
Poles:3P,6P
Rated:600V/2A
Wire Range:18AWG
1mm²

DG104-5.0
DG104-5.08
Pitch:5.0mm, 5.08mm
Poles:2P,3P
Rated:300V/15A
Wire Range:24-14AWG
2.5mm²

DG105-5.0
DG105-7.5
Pitch:5.0mm, 7.5mm
Poles:2P,3P
Rated:300V/20A
Wire Range:22-12AWG
2.5mm²

15EDGK-3.5
15EDGK-3.81
Pitch:3.5mm, 3.81mm
Poles:2P,3P
Rated:300V/8A
Wire Range:22-16AWG
1.5mm²

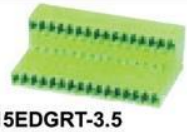
15EDGKA-3.5
15EDGKA-3.81
Pitch:3.5mm, 3.81mm
Poles:2-24P
Rated:300V/8A
Wire Range:22-16AWG
1.5mm²

15EDGKB-3.5
15EDGKB-3.81
Pitch:3.5mm, 3.81mm
Poles:2-24P
Rated:300V/8A
Wire Range:22-16AWG
1.5mm²

15EDGV-3.5
15EDGV-3.81
Pitch:3.5mm, 3.81mm
Poles:2-24P
Rated:300V/8A

15EDGR-3.5
15EDGR-3.81
Pitch:3.5mm, 3.81mm
Poles:2-24P
Rated:300V/8A

15EDGVT-3.5
15EDGVT-3.81
Pitch:3.5mm, 3.81mm
Poles:2-24P
Rated:300V/8A



15EDGRT-3.5
15EDGRT-3.81
Pitch:3.5mm, 3.81mm
Poles:2-24P
Rated:300V/8A

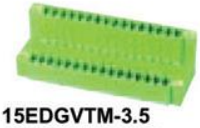
15EDGKM-3.5
15EDGKM-3.81
Pitch:3.5mm, 3.81mm
Poles:2-24P
Rated:300V/8A

15EDGKAM-3.5
15EDGKAM-3.81
Pitch:3.5mm, 3.81mm
Poles:2-24P
Rated:300V/8A
Wire Range:22-16AWG
1.5mm²

15EDGKBM-3.5
15EDGKBM-3.81
Pitch:3.5mm, 3.81mm
Poles:2-24P
Rated:300V/8A
Wire Range:22-16AWG
1.5mm²

15EDGVM-3.5
15EDGVM-3.81
Pitch:3.5mm, 3.81mm
Poles:2-24P
Rated:300V/8A

15EDGRM-3.5
15EDGRM-3.81
Pitch:3.5mm, 3.81mm
Poles:2P~24P
Rated:300V/8A



15EDGVTM-3.5
15EDGVTM-3.81
Pitch:3.5mm, 3.81mm
Poles:2P~24P
Rated:300V/8A

15EDGRTM-3.5
15EDGRTM-3.81
Pitch:3.5mm, 3.81mm
Poles:2P~24P
Rated:300V/8A

HT396K
Pitch:3.96mm
Poles:2-24P
Rated:300V/15A
Wire Range:28-12AWG
2.5mm²

HT396V
Pitch:3.96mm
Poles:2-24P
Rated:300V/15A

HT396R
Pitch:3.96mm
Poles:2-24P
Rated:300V/15A

2EDGK-5.0 2EDGK-5.08
2EDGK-7.5 2EDGK-7.62
Pitch:5.0mm, 5.08mm
7.5mm, 7.62mm
Poles:2-24P
Rated:300V/15A
Wire Range:28-12AWG
2.5mm²

2EDGKA-5.0 2EDGKA-5.08
2EDGKA-7.5 2EDGKA-7.62
Pitch:5.0mm, 5.08mm
7.5mm, 7.62mm
Poles:2-24P
Rated:300V/15A
Wire Range:28-12AWG
2.5mm²

2EDGKB-5.0 2EDGKB-5.08
2EDGKB-7.5 2EDGKB-7.62
Pitch:5.0mm, 5.08mm
7.5mm, 7.62mm
Poles:2-24P
Rated:300V/15A
Wire Range:28-12AWG
2.5mm²

HT508K
Pitch:5.08mm
Poles:2-24P
Rated:300V/15A
Wire Range:28-12AWG
2.5mm²

2EDGKC
Pitch:5.0mm
Poles:2P~24P
Rated:300V/15A
Wire Range:24-18AWG
1.5mm²

2EDGKD
Pitch:5.0mm
Poles:2P~24P
Rated:300V/15A
Wire Range:24-18AWG
1.5mm²

2EDGV-5.0 2EDGV-5.08
2EDGV-7.5 2EDGV-7.62
Pitch:5.0mm, 5.08mm
7.5mm, 7.62mm
Poles:2-24P
Rated:300V/15A

2EDGR-5.0 2EDGR-5.08
2EDGR-7.5 2EDGR-7.62
Pitch:5.0mm, 5.08mm
7.5mm, 7.62mm
Poles:2-24P
Rated:300V/15A

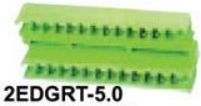
2EDGVC-5.0 2EDGVC-5.08
2EDGVC-7.5 2EDGVC-7.62
Pitch:5.0mm, 5.08mm
7.5mm, 7.62mm
Poles:2-24P
Rated:300V/15A

2EDGRC-5.0 2EDGRC-5.08
2EDGRC-7.5 2EDGRC-7.62
Pitch:5.0mm, 5.08mm
7.5mm, 7.62mm
Poles:2-24P
Rated:300V/15A

2EDGVH-5.0
2EDGVH-5.08
Pitch:5.0mm, 5.08mm
Poles:2-24P
Rated:300V/15A

2EDGRH-5.0
2EDGRH-5.08
Pitch:5.0mm, 5.08mm
Poles:2-24P
Rated:300V/15A

2EDGVT-5.0
2EDGVT-5.08
Pitch:5.0mm, 5.08mm
Poles:2-24P
Rated:300V/15A



2EDGRT-5.0
2EDGRT-5.08
Pitch:5.0mm, 5.08mm
Poles:2-24P
Rated:300V/15A

2EDGKM-5.0 2EDGKM-5.08
2EDGKM-7.5 2EDGKM-7.62
Pitch:5.0mm, 5.08mm
7.5mm, 7.62mm
Poles:2-24P
Rated:300V/15A
Wire Range:28-12AWG
2.5mm²

2EDGKAM-5.0
2EDGKAM-5.08
Pitch:5.0mm, 5.08mm
Poles:2-24P
Rated:300V/15A
Wire Range:28-12AWG
2.5mm²

2EDGKBM-5.0
2EDGKBM-5.08
Pitch:5.0mm, 5.08mm
Poles:2-24P
Rated:300V/15A
Wire Range:28-12AWG
2.5mm²

2EDGVM-5.0 2EDGVM-5.08
2EDGVM-7.5 2EDGVM-7.62
Pitch:5.0mm, 5.08mm
7.5mm, 7.62mm
Poles:2P~24P
Rated:300V/15A

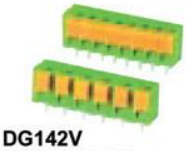
2EDGRM-5.0 2EDGRM-5.08
2EDGRM-7.5 2EDGRM-7.62
Pitch:5.0mm, 5.08mm
7.5mm, 7.62mm
Poles:2P~24P
Rated:300V/15A

2EDGVHM-5.0
2EDGVHM-5.08
Pitch:5.0mm, 5.08mm
Poles:2-24P
Rated:300V/15A

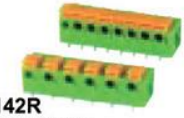
2EDGRHM-5.0
2EDGRHM-5.08
Pitch:5.0mm, 5.08mm
Poles:2-24P
Rated:300V/15A

DG141V
Pitch:2.54mm
Poles:2P~24P
Rated:150V/2A
Wire Range:26-20AWG
1.5mm²

DG141R
Pitch:2.54mm
Poles:2P~24P
Rated:150V/2A
Wire Range:26-20AWG
1.5mm²



DG142V
DG142V-7.62
Pitch:5.08mm, 7.62mm
Poles:2P~24P
Rated:250V/10A
Wire Range:22-14AWG
1.5mm²



DG142R
DG142R-7.62
Pitch:5.08mm, 7.62mm
Poles:2P~24P
Rated:250V/10A
Wire Range:22-14AWG
1.5mm²

DG234-5.0
DG234-7.5
Pitch:5.0mm, 7.5mm
Poles:2-24P
Rated:300V/25A
Wire Range:22-14AWG
1.5mm²

DG235-3.81 DG235-5.0
DG235-7.5 DG235-10
Pitch:3.81mm, 5.0mm
7.5mm, 10mm
Poles:2-24P
Rated:250V/10A
Wire Range:20-14AWG
1.5mm²

DG235W-3.81 DG235W-5.0
DG235W-7.5 DG235W-10
Pitch:3.81mm, 5.0mm
7.5mm, 10mm
Poles:2-24P
Rated:250V/10A
Wire Range:20-14AWG
1.5mm²

DG235T-5.0 DG235T-7.5
DG235T-10
Pitch:5.0mm, 7.5mm
10mm
Poles:2-24P
Rated:250V/10A
Wire Range:20-14AWG
1.5mm²

DG250
Pitch:3.5mm
Poles:2-24P
Rated:250V/10A
Wire Range:22-16AWG
1.5mm²

DG250T
Pitch:5.0mm
Poles:(2-24)*2P
Rated:250V/10A
Wire Range:22-16AWG
1.5mm²

DG236
Pitch:5.0mm
Poles:(2-24)*2P
Rated:250V/10A
Wire Range:22-16AWG
1.5mm²

DG240
Pitch:2.5mm
Poles:2-24P
Rated:125V/4A
Wire Range:28-20AWG
0.5mm²

DG241
Pitch:2.5mm
Poles:2-24P
Rated:125V/4A
Wire Range:28-20AWG
0.5mm²

DG242-5.0 DG242-7.5
DG242-10
Pitch:5.0mm,7.5mm,10mm
Poles:2-24P
Rated:300V/15A
Wire Range:28-12AWG
2.5mm²

DG243-5.0 DG243-7.5
DG243-10
Pitch:5.0mm,7.5mm,10mm
Poles:2-24P
Rated:300V/15A
Wire Range:28-12AWG
2.5mm²

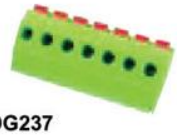
DG244-5.0 DG244-7.5
DG244-10
Pitch:5.0mm,7.5mm,10mm
Poles:2-24P
Rated:300V/15A
Wire Range:28-12AWG
2.5mm²

DG245-5.0 DG245-7.5
DG245-10
Pitch:5.0mm,7.5mm,10mm
Poles:2-24P
Rated:300V/15A
Wire Range:28-12AWG
2.5mm²

DG246
Pitch:5.0mm,5.08mm
Poles:2-24P
Rated:300V/15A
Wire Range:28-12AWG
2.5mm²

DG247
Pitch:5.0mm,5.08mm
Poles:2-24P
Rated:300V/15A
Wire Range:28-12AWG
2.5mm²

DG390
Pitch:5.0mm
Poles:2P, 3P
Rated:300V/8A
Wire Range:22-18AWG
1.5mm²



DG237
Pitch:5.08mm
Poles:2P~24P
Rated:300V/12A
Wire Range:22-16AWG
1.5mm²

DG238
Pitch:10mm
Poles:2P, 3P
Rated:400V/15A
Wire Range:22-18AWG
1mm²

DG239
Pitch:10mm
Poles:2P, 3P
Rated:400V/15A
Wire Range:22-18AWG
1mm²

DG801-1 DG801-2 DG803-3 DG801-4 DG801-5

Poles:N=1P,2P,3P,4P,5P
Rated:250V/10A
AWG:22-14AWG 2.5mm²

DG8H DG10H DG12H DG14H

Poles:1-12P
Rated:450V/17.5A 450V/24A 750V/41A 750V/57A
AWG:1.5mm² 2.5mm² 6mm² 10mm²

H-Type

Poles:1-12P
Rated:450V/3A-150A
AWG:4-40mm²

F-Type

Poles:1-12P
Rated:450V/3A-80A
AWG:4-30mm²

W-Type

Poles:1-12P
Rated:450V/3A-80A
AWG:4-30mm²

DG25C

Pitch:7.62mm
Poles:2P~30P
Rated:300V/10A
AWG:22-14AWG

DG25S

Pitch:7.62mm
Poles:2P~30P
Rated:300V/10A
AWG:22-14AWG

DG25H

Pitch:7.62mm
Poles:2P~30P
Rated:300V/10A
AWG:22-14AWG

DG25R

Pitch:7.62mm
Poles:2P~30P
Rated:300V/10A
AWG:22-14AWG

DG35R

Pitch:8.25mm
Poles:2P~30P
Rated:300V/20A
AWG:22-12AWG

DG35S

Pitch:8.25mm
Poles:2~30P
Rated:300V/20A
AWG:22-12AWG

DG35H

Pitch:8.25mm
Poles:2~30P
Rated:300V/20A
AWG:22-12AWG

DG35R

Pitch:8.25mm
Poles:2~30P
Rated:300V/20A
AWG:22-12AWG

DG45C

Pitch:9.5mm
Poles:2~30P
Rated:300V/25A
AWG:22-12AWG

DG45S

Pitch:9.5mm
Poles:P~30P
Rated:300V/25A
AWG:22-12AWG

DG45H

Pitch:9.5mm
Poles:2-30P
Rated:300V/25A
AWG:22-12AWG

DG45R

Pitch:9.5mm
Poles:2-30P
Rated:300V/25A
AWG:22-12AWG

DG55C

Pitch:10mm
Poles:2-30P
Rated:300V/25A
AWG:22-12AWG

DG55S

Pitch:10mm
Poles:2-30P
Rated:300V/25A
AWG:22-12AWG

DG55H

Pitch:10mm
Poles:2-30P
Rated:300V/25A
AWG:22-12AWG

DG55R

Pitch:10mm
Poles:2-30P
Rated:300V/25A
AWG:22-12AWG

DG65C

Pitch:11mm
Poles:2-30P
Rated:300V/25A
AWG:22-12AWG

DG65S

Pitch:11mm
Poles:2-30P
Rated:300V/25A
AWG:22-12AWG

DG65H

Pitch:11mm
Poles:2-30P
Rated:300V/25A
AWG:22-12AWG

DG65R

Pitch:11mm
Poles:2-30P
Rated:300V/25A
AWG:22-12AWG

DG28C
Pitch:7.62mm
Poles:2-30P
Rated:250V/10A
AWG:22-14AWG

DG28S
Pitch:7.62mm
Poles:2-30P
Rated:250V/10A
AWG:22-14AWG

DG28H
Pitch:7.62mm
Poles:2-30P
Rated:250V/10A
AWG:22-14AWG

DG28R
Pitch:7.62mm
Poles:2-30P
Rated:250V/10A
AWG:22-14AWG

DG48C
Pitch:9.5mm
Poles:2-30P
Rated:300V/20A
AWG:22-14AWG

DG48H
Pitch:9.5mm
Poles:2-30P
Rated:300V/20A
AWG:22-14AWG

DG48R
Pitch:9.5mm
Poles:2-30P
Rated:300V/20A
AWG:22-14AWG

DG58C
Pitch:10mm
Poles:2-30P
Rated:300V/20A
AWG:22-14AWG

DG58S
Pitch:10mm
Poles:2-30P
Rated:300V/20A
AWG:22-14AWG

DG58H
Pitch:10mm
Poles:2-30P
Rated:300V/20A
AWG:22-14AWG

DG58R
Pitch:10mm
Poles:2-30P
Rated:300V/20A
AWG:22-14AWG

DG78C
Pitch:13mm
Poles:2-30P
Rated:600V/40A
AWG:18-10AWG

DG78H
Pitch:13mm
Poles:2-30P
Rated:600V/40A
AWG:18-10AWG

DG78R
Pitch:13mm
Poles:2-30P
Rated:600V/40A
AWG:18-10AWG

DG16A
Pitch:6.35mm
Poles:2-30P
Rated:300V/10A
AWG:22-16AWG

DG16B
Pitch:6.35mm
Poles:2-30P
Rated:300V/10A
AWG:22-16AWG

DG16C
Pitch:6.35mm
Poles:2-30P
Rated:300V/10A
AWG:22-16AWG

DG16D
Pitch:6.35mm
Poles:2-30P
Rated:300V/10A
AWG:22-16AWG

DG36A
Pitch:8.25mm
Poles:2-30P
Rated:300V/20A
AWG:22-12AWG

DG36B
Pitch:8.25mm
Poles:2-30P
Rated:300V/20A
AWG:22-12AWG

DG36C
Pitch:8.25mm
Poles:2-30P
Rated:300V/20A
AWG:22-12AWG

DG36D
Pitch:8.25mm
Poles:2-30P
Rated:300V/20A
AWG:22-12AWG

DG46A
Pitch:9.5mm
Poles:2-30P
Rated:300V/25A
AWG:22-12AWG

DG46B
Pitch:9.5mm
Poles:2-30P
Rated:300V/25A
AWG:22-12AWG

DG46C
Pitch:9.5mm
Poles:2-30P
Rated:300V/25A
AWG:22-12AWG

DG46D
Pitch:9.5mm
Poles:2-30P
Rated:300V/25A
AWG:22-12AWG

DG46GA
Pitch:9.5mm
Poles:2-30P
Rated:300V/25A
AWG:22-12AWG

DG46GB
Pitch:9.5mm
Poles:2-30P
Rated:300V/25A
AWG:22-12AWG

DG66A
Pitch:11.11mm
Poles:2-30P
Rated:300V/30A
AWG:22-12AWG

DG66B
Pitch:11.11mm
Poles:2-30P
Rated:300V/30A
AWG:22-12AWG

DG8500
Pitch:8.5mm
Poles:2-30P
Rated:300V/15A
AWG:22-12AWG

DG10000
Pitch:10mm
Poles:2-30P
Rated:300V/20A
AWG:22-12AWG

DG8890
Pitch:8.89mm
Poles:2-30P
Rated:300V/15A
AWG:22-12AWG

DG33A
Pitch:8.5mm
Poles:2-30P
Rated:300V/20A
AWG:22-12AWG

DG67-1
Pitch:11mm
Poles:2-24P
Rated:250V/20A
AWG:22-12AWG

DG67-2
Pitch:11mm
Poles:2-24P
Rated:250V/20A
AWG:22-12AWG

DG67-3
Pitch:11mm
Poles:2-24P
Rated:250V/20A
AWG:22-12AWG

DG67-5
Pitch:11mm
Poles:2-24P
Rated:250V/20A
AWG:22-12AWG

DG24-1
Pitch:7.62mm
Poles:(1-30)*2P
Rated:300V/10A
AWG:22-14AWG

DG24-2
Pitch:7.62mm
Poles:(1-30)*2P
Rated:300V/10A
AWG:22-14AWG

DG24-3
Pitch:7.62mm
Poles:(1-30)*2P
Rated:300V/10A
AWG:22-14AWG

DG44A-1
Pitch:9.52mm
Poles:(2-25)*2P
Rated:300V/15A
AWG:18-14AWG

DG44A-2
Pitch:9.52mm
Poles:(2-25)*2P
Rated:300V/15A
AWG:18-14AWG

DG44A-3
Pitch:9.52mm
Poles:(2-25)*2P
Rated:300V/15A
AWG:18-14AWG

DG44B-1
Pitch:9.52mm
Poles:(2-25)*2P
Rated:300V/15A
AWG:18-14AWG

DG44B-2
Pitch:9.52mm
Poles:(2-25)*2P
Rated:300V/15A
AWG:18-14AWG

DG11
Pitch:11mm
Poles:2-12P
Rated:24V/30A
AWG:18-10AWG

DG12
Pitch:11mm
Poles:2-12P
Rated:24V/30A
AWG:18-10AWG

DG13
Pitch:11mm
Poles:2-12P
Rated:24V/30A
AWG:18-10AWG

DG21
Pitch:11mm
Poles:2-12P
Rated:24V/30A
AWG:18-10AWG

DG22
Pitch:11mm
Poles:2-12P
Rated:24V/30A
AWG:18-10AWG

DG23
Pitch:11mm
Poles:2-12P
Rated:24V/30A
AWG:18-10AWG

EA-14
Pitch:11.5mm
Poles:3P,4P,7P,8P
Rated:24V/30A
AWG:22-14AWG

EA-15
Pitch:11mm
Poles:7P,11P
Rated:24V/30A
AWG:22-14AWG

EA-16
Pitch:13.5mm
Poles:3P
Rated:24V/30A
AWG:22-14AWG

EA-17
Pitch:13.5mm
Poles:3P
Rated:24V/30A
AWG:22-14AWG

EA18-1
Pitch:11mm
Poles:2-12P
Rated:24V/30A
AWG:22-10AWG

EA18-2
Pitch:11mm
Poles:2-12P
Rated:24V/30A
AWG:22-10AWG

EA19
Pitch:11mm
Poles:3P
Rated:300V/30A
AWG:22-12AWG

EA20
Pitch:11mm
Poles:4P
Rated:300V/30A
AWG:22-12AWG

EA21
Pitch:15mm
Poles:3P
Rated:300V/30A
AWG:22-12AWG

EA22
Pitch:11mm
Poles:4P
Rated:300V/30A
AWG:22-12AWG

EA23
Pitch:14mm
Poles:3P
Rated:300V/30A
AWG:22-12AWG

EA24
Pitch:11mm
Poles:4P
Rated:300V/30A
AWG:22-12AWG

EA25
Pitch:10mm,11.5mm
12.5mm
Poles:7P
Rated:300V/30A
AWG:22-12AWG

EA26
Pitch:10mm,11.5mm
16.5mm
Poles:11P
Rated:300V/30A
AWG:22-12AWG

EA27
Pitch:11.5mm
Poles:3P
Rated:300V/30A
AWG:18-12AWG

EA28
Pitch:11.5mm
Poles:3P
Rated:300V/30A
AWG:18-12AWG

EA29
Pitch:11.5mm
Poles:4P
Rated:300V/30A
AWG:18-12AWG

EA30
Pitch:11.5mm
Poles:4P
Rated:300V/30A
AWG:18-12AWG

EA31
Pitch:11.95mm,13.2mm
Poles:3P
Rated:300V/30A
AWG:18-12AWG

EA32
Pitch:11.95mm,13.2mm
Poles:3P
Rated:300V/30A
AWG:18-12AWG

EA33
Pitch:11.95mm,13.2mm
Poles:3P
Rated:300V/30A
AWG:18-12AWG

EA34
Pitch:11.95mm
Poles:3P
Rated:300V/30A
AWG:18-12AWG

DG35
Pitch:11.95mm,11.94mm
Poles:3P
Rated:300V/30A
AWG:18-12AWG

EA36
Pitch:12.075mm
Poles:3P
Rated:300V/30A
AWG:18-12AWG

EA37
Pitch:10mm
Poles:2P
Rated:300V/30A
AWG:18-12AWG

EA38
Pitch:11.45mm
Poles:3P
Rated:300V/30A
AWG:18-12AWG

EA39
Pitch:11mm
Poles:4P
Rated:300V/30A
AWG:18-12AWG

EA40
Pitch:11mm
Poles:4P*2
Rated:300V/30A
AWG:18-12AWG

EA41
Pitch:9mm
Poles:4P*2
Rated:250V/25A
AWG:22-12AWG

EA42
Pitch:9mm
Poles:4P*2
Rated:250V/25A
AWG:22-12AWG

EA43
Pitch:8.9mm
Poles:4P*2
Rated:250V/25A
AWG:22-12AWG

EA44
Pitch:6.65mm
Poles:4-9P
Rated:250V/15A
AWG:22-14AWG

TB15/25/45
Pitch:9mm,10mm
Poles:3-6P,10P,12P
Rated:600V/15A,25A,45A
AWG:22-14AWG

DG49
Pitch:9.5mm
Poles:2-30P
Rated:300V/20A
AWG:22-12AWG

DG69
Pitch:11mm
Poles:2-26P
Rated:300V/25A
AWG:22-14AWG

DG89
Pitch:14mm
Poles:2-18P
Rated:600V/30A
AWG:22-10AWG

KF3-0001
F MALE TWIST ON
A) RG 58/U B) RG 59/U
C) RG 6/U D) 7C 2V

KF3-0002
F MALE TWIST ON
A) RG 58/U B) RG 59/U
C) RG 6/U D) 7C 2V

KF3-0003
F CONNECTOR WITH RING
A) RG 58/U B) RG 59/U
C) RG 6/U D) 7C 2V

KF3-0004
F WITH ATTACHED CRIMP RING

KF3-0005
F CONNECTOR

KF3-0006
F MALE TWIST ON RG 11

KF3-0007
F DOUBLE FEMALE
A) WITH WASHER & NUTS
B) W/O WASHER & NUTS

KF3-0008
F FEMALE BULKHEAD
A) WITH WASHER & NUTS
B) W/O WASHER & NUTS

KF3-0009
F DOUBLE FEMALE
A) WITH WASHER & NUTS
B) W/O WASHER & NUTS

KF3-0010
F FEMALE BULKHEAD
A) WITH WASHER & NUTS
B) W/O WASHER & NUTS

KF3-0011
F FEMALE BULKHEAD
A) WITH WASHER & NUTS
B) W/O WASHER & NUTS

KF3-0012
F CONNECTER
A) RG 59/U
B) RG 6/U

KF3-0013
F CONNECTOR
A) RG 59/U
B) RG 6/U

KF3-0014
F THREE FEMALE

KF3-0015
F MALE TO DOUBLE FEMALE

KF3-0016
F FOUR FEMALE

KF3-0017
F MALE TO
F THREE FEMALE

KF3-0018
F QUICK MALE TO
DOUBLE F FEMALE

KF3-0019
F MALE TERMINATOR
A) 50 ½
B) 75 ½

KF3-0020
F MALE TO RCA FEMALE

KF3-0021
F MALE TO PAL MALE

KF3-0022
F QUICK MALE TO
F FEMALE

KF3-0023
F MALE TO RCA MALE

KF3-0024
F FEMALE TO RCA MALE

KF3-0025
F FEMALE TO RCA FEMALE

KF3-0026
F FEMALE TO PAL MALE

KF3-0027
F CONNECTOR WITH YELLOW COLLOIDAL COVER

KF3-0028
F MALE TWIST ON RG 11/U

KF3-0029
F DOUBLE MALE

KF3-0030
F FEMALE PC MOUNT

KF3-0031
RIGHT ANGLE F FEMALE PC MOUNT

KF3-0032
RIGHT ANGLE F MALE TO FEMALE

KF3-0033
RIGHT ANGLE F FEMALE TO PAL QUICK FEMALE

KF3-0034
F CONNECTOR WITH INSULATOR & PIN

KF3-0035
F FEMALE TO 3.5MM MALE

KF3-0036
F CONNECTOR WITH RING
A) RG 58/U
B) RG 59/U
C) RG 6/U

KF3-0037
F QUICK WITH RING
A) RG 58/U
B) RG 59/U
C) RG 6/U

KF3-0038
F QUICK MALE TO RCA FEMALE

KF3-0039
F QUICK MOLDED TYPE

KF3-0040
F DOUBLE QUICK MALE

KF3-0041
F DOUBLE QUICK MALE

KF3-0042
F CONNECTOR WITH BLACK COLLOIDAL COVER

KF3-0043
F FEMALE TO RCA MALE

KF3-0044
F DOUBLE FEMALE USED BY QUICK CONNECTION

KF3-0045
DUAL GROUDING BLOCK

KF3-0046
FOUR GROUDING BLOCK

KF3-0047
DUAL GROUDING BLOCK

KF3-0048
SINGLE GROUDING BLOCK

KF3-0049
SINGLE GROUDING BLOCK

KF3-0050
MINI 2-WAY SPLITTER 5-900 MHz

KF3-0051
2-WAY SPLITTER 5-900 MHz
KF3-0051S
2-WAY SPLITTER 5-900 MHz SMALL TYPE

KF3-0052
3-WAY SPLITTER 5-900 MHz
KF3-0052S
3-WAY SPLITTER 5-900 MHz SMALL TYPE

KF3-0053
4-WAY SPLITTER 5-900 MHz
KF3-0053S
4-WAY SPLITTER 5-900 MHz SMALL TYPE

KF3-0054/6
6-WAY SPLITTER 5-900 MHz
KF3-0054/8
8-WAY SPLITTER 5-900 MHz

KF3-0055A
2-WAY SPLITTER 5-1000 MHz
KF3-0055B
2-WAY SPLITTER 5-2050 MHz

KF3-0056A
3-WAY SPLITTER 5-1000 MHz
KF3-0056B
3-WAY SPLITTER 5-2050 MHz

KF3-0057A
4-WAY SPLITTER 5-1000 MHz
KF3-0057B
4-WAY SPLITTER 5-2050 MHz

KF3-0058A/6
6-WAY SPLITTER 5-1000 MHz
KF3-0058B/6
6-WAY SPLITTER 5-2050 MHz

KF3-0059A/8
8-WAY SPLITTER 5-1000 MHz
KF3-0059B/8
8-WAY SPLITTER 5-2050 MHz

KF3-0060AW
1-WAY 5-1000 MHz CATV TAPS

KF3-0061
PAL FEMALE NIKEL/GOLD (TV PLUG)

KF3-0062
PAL MALE NIKEL/GOLD (TV PLUG)

KF3-0063
PAL DOUBLE MALE

KF3-0064
PAL FEMALE TO PAL MALE

KF3-0065
PAL DOUBLE FEMALE

KF3-0066
PAL QUICK FEMALE TO RCA FEMALE

KF3-0067
PAL FEMALE TO RCA FEMALE

KF3-0068
PAL MALE TO RCA FEMALE

KF3-0069
PAL QUICK FEMALE BULKHEAD W/NUT & WASHER

KF3-0070
PAL MALE BULKHEAD W/NUT & WASHER

KF3-0071
PAL FEMALE BULKHEAD W/NUT & WASHER

KF3-0072
PAL FEMALE TO F QUICK MALE

KF3-0073
PAL FEMALE TO F MALE

KF3-0074
PAL FEMALE TO 3.5 MONO MALE

KF3-0075
PAL QUICK FEMALE TO RCA MALE

KF3-0076
PAL QUICK FEMALE TO BNC FEMALE

KF3-0077
COAXIAL CONNECTOR

KF3-0078
PAL FEMALE CONNETOR

KF3-0079
PAL MALE TO RCA MALE

KF3-0080
PAL MALE WITH ATTACHED CRIMP RING
A) RG 59/U
B) RG 6/U

KF3-0081
PAL QUICK FEMALE TO RCA FEMALE BULKHEAD

KF3-0082
PAL DOUBLE FEMALE BULKHEAD

KF3-0083
RIGHT ANGLE PAL MALE

KF3-0084
RIGHT ANGLE PAL FEMALE

KF3-0085
BNC MALE CRIMP
A) RG 58/U
B) RG 59/U
C) RG 6/U
D) RG 174/U

KF3-0086
BNC MALE QUICK CRIMP

KF3-0087
BNC MALE TO F FEMALE

KF3-0088
BNC MALE TO RCA FEMALE

KF3-0089
BNC MALE TO RCA MALE

KF3-0090
BNC MALE TWIST ON

KF3-0091
BNC MALE TO UHF FEMALE

KF3-0092
BNC MALE TO UHF FEMALE

KF3-0093
BNC MALE TO N FEMALE

KF3-0094
BNC MALE TO N MALE

KF3-0095
BNC MALE TERMINATOR CAP W/CHAIN

KF3-0096
BNC DOUBLE MALE

KF3-0097
BNC MALE CRIMP
A) RG 58/U B) RG 59/U
C) RG 6/U D) RG 174/U

KF3-0098
BNC MALE CLAMP LOCK

KF3-0099
BNC MALE CRIMP

KF3-0100
BNC MALE W/SPRING

KF3-0101
BNC MALE TO BNC FEMALE

KF3-0102
BNC MALE TO TNC FEMALE

KF3-0103
BNC MALE TO TNC MALE

KF3-0104
BNC MALE TO PAL QUICK FEMALE

KF3-0105
BNC MALE W/SPRING

KF3-0106
BNC MALE TO DOUBLE FEMALE

KF3-0107
BNC MALE TO DOUBLE FEMALE

KF3-0108
RIGHT ANGLE BNC MALE TO BNC FEMALE

KF3-0109
BNC DOUBLE MALE TO BNC DOUBLE FEMALE

KF3-0110
BNC THREE FEMALE

KF3-0111
BNC MALE TO BNC THREE FEMALE

KF3-0112
BNC MALE TO TNC DOUBLE FEMALE

KF3-0113
BNC DOUBLE FEMALE

KF3-0114
BNC FEMALE TO BNC FEMALE PANEL ADAPTOR

KF3-0115
BNC FEMALE TO RCA MALE

KF3-0116
BNC FEMALE BULKHEAD W/NUT & WASHER

KF3-0117
BNC FEMALE CLAMP

KF3-0118
BNC FEMALE ISOLATED GROUND BULKHEAD

KF3-0119
BNC FEMALE TO TNC FEMALE

KF3-0120
BNC FEMALE TO PAL MALE

KF3-0121
BNC FEMALE TO F MALE

KF3-0122
BNC FEMALE TO F FEMALE

KF3-0123
BNC FEMALE TO RCA FEMALE

KF3-0124
BNC FEMALE TO F QUICK MALE

KF3-0125
BNC FEMALE CRIMP
A) RG 58/U B) RG 59/U
C) RG 6/U D) RG 174/U

KF3-0126
BNC FEMALE BULKHEAD CRIMP
A) RG 58/U B) RG 59/U
C) RG 6/U D) RG 174/U

KF3-0127
BNC FEMALE TO UHF FEMALE

KF3-0128
BNC THREE FEMALE

KF3-0129
BNC FEMALE MOLDER

KF3-0130
BNC FEMALE PC MOUNT

KF3-0131
BNC FEMALE CHASSIS MONUT

KF3-0132
BNC MALE CRIMP
A) RG 58/U
B) RG 59/U
C) RG 6/U

KF3-0133
TNC MALE TO F FEMALE

KF3-0134
TNC FEMALE TO F MALE

KF3-0135
TNC MALE TO RCA MALE

KF3-0136
TNC FEMALE TO RCA MALE

KF3-0137
TNC MALE TO RCA FEMALE

KF3-0138
TNC MALE TO BNC FEMALE

KF3-0139
TNC FEMALE TO BNC FEMALE

KF3-0140
TNC FEMALE TWIST ON

KF3-0141
TNC MALE TWIST ON

KF3-0142
TNC DOUBLE MALE

KF3-0143
TNC FEMALE TO N FEMALE

KF3-0144
TNC MALE TO UHF FEMALE

KF3-0145
TNC FEMALE TO UHF FEMALE

KF3-0146
TNC MALE CRIMP

KF3-0147
TNC MALE CRIMP

KF3-0148
TNC MALE QUICK CRIMP
A) RG 58/U B) RG 59/U
C) RG 6/U D) RG 174/U

KF3-0149
TNC MALE PANEL CRIMP
A) RG 58/U B) RG 59/U
C) RG 6/U D) RG 174/U

KF3-0150
TNC MALE CRIMP
A) RG 58/U B) RG 59/U
C) RG 6/U D) RG 174/U

KF3-0151
RIGHT ANGLE TNC MALE CRIMP TYPE
A) RG 58/U B) RG 59/U
C) RG 6/U D) RG 174/U

KF3-0152
TNC FEMALE CRIMP TYPE
A) RG 58/U B) RG 59/U
C) RG 6/U D) RG 174/U

KF3-0153
TNC FEMALE PANNEL CRIMP
A) RG 58/U B) RG 59/U
C) RG 6/U D) RG 174/U

KF3-0154
TNC FEMALE BULKHEAD

KF3-0155
RIGHT ANGLE TNC MALE TO BNC FEMALE

KF3-0156
TNC MALE TO DOUBLE BNC FEMALE

KF3-0157
RIGHT ANGLE TNC MALE CLAMP

KF3-0158
TNC MALE TO DOUBLE TNC FEMALE

KF3-0159
TNC MALE TO THREE TNC FEMALE

KF3-0160
TNC MALE TAPER GRIP
A) RG 58/U B) RG 59/U
C) RG 6/U

KF3-0161
TNC FEMALE BULKHEAD

KF3-0162
TNC DOUBLE FEMALE

KF3-0163
TNC FEMALE TO DOUBLE TNC MALE

KF3-0164
THREE TNC FEMALE

KF3-0165
N MALE CRIMP
A) RG 58/U B) RG 59/U
C) RG 6/U

KF3-0166
N MALE RIGHT ANGLE CRIMP TYPE
A) RG 58/U B) RG 59/U
C) RG 6/U D) RG 174/U

KF3-0167
N MALE CLAMP
A) RG 58/U B) RG 59/U
C) RG 6/U

KF3-0168
N MALE CLAMP
A) RG 58/U B) RG 59/U
C) RG 6/U

KF3-0169
RIGHT ANGLE N MALE CLAMP
A) RG 58/U B) RG 59/U
C) RG 6/U

KF3-0170
N MALE SOLDER BULKHEAD

KF3-0171
N MALE SOLDER PANEL

KF3-0172
N FEMALE PANEL RECEPTABLE

KF3-0173
N FEMALE CRIMP PANEL
A) RG 58/U
B) RG 59/U
C) RG 6/U

KF3-0174
N FEMALE CRIMP PANEL RECEPTACLE
A) RG 58/U B) RG 59/U
C) RG 6U

KF3-0175
N FEMALE CLAMP TYPE
A) RG 58/U
B) RG 59/U
C) RG 6/U

KF3-0176
N FEMALE SOLDER BULKHEAD

KF3-0177
N FEMALE PANEL RECEPTABLE

KF3-0178
N MALE TO N FEMALE

KF3-0179
N DOUBLE FEMALE

KF3-0180
N MALE TO F FEMALE

KF3-0181
N FEMALE TO F FEMALE

KF3-0182
N MALE TO RCA FEMALE

KF3-0183
N MALE TO BNC FEMALE

KF3-0184
N MALE TO TNC FEMALE

KF3-0185
N FEMALE TO TNC FEMALE

KF3-0186
N MALE TO UHF FEMALE

KF3-0187
N DOUBLE FEMALE CHASSIS

KF3-0188
N FEMALE TO UHF FEMALE

KF3-0189
RIGHT ANGLE N FEMALE TO N MALE

KF3-0190
RIGHT ANGLE N DOUBLE FEMALE

KF3-0191
N MALE CONNECTOR

KF3-0192
N FEMALE TERMINATOR
A) 50 ½
B) 75 ½

KF3-0193
N FEMALE CLAMP

KF3-0194
N FEMALE TO MINI UHF MALE

KF3-0195
RIGHT ANGLE N MALE TO FEMALE

KF3-0196
N MALE TO DOUBLE FEMALE ADAPTOR

KF3-0197
N FEMALE TO N DOUBLE MALE

KF3-0198
N THREE FEMALE ADAPTOR

KF3-0199
UHF MALE CRIMP TYPE
A) RG 58/U B) RG 59/U
C) RG 6/U D) RG 174/U

KF3-0200
UHF MALE CRIMPING
A) RG 58/U
B) RG 59/U

KF3-0201
UHF MALE TWIST ON
A) RG 6/U
B) RG 213/U

KF3-0202
UHF MALE CLAMP

KF3-0203
UHF MALE REDUCER
A) RG 58/U
B) RG 59/U

KF3-0204
UHF FEMALE SOLDER PANEL RECEPTABLE

KF3-0205
UHF FEMALE BLUCKHEAD

KF3-0206
RIGHT ANGLE UHF FEMALE TWIST ON

KF3-0207
UHF DOUBLE MALE

KF3-0208
UHF DOUBLE FEMALE

KF3-0209
UHF DOUBLE FEMALE BULKHEAD

KF3-0210
UHF MALE TO BNC FEMALE

KF3-0211
UHF MALE TO UHF FEMALE

KF3-0212
UHF MALE TO RCA FEMALE

KF3-0213
RIGHT ANGLE UHF MALE TO UHF FEMALE

KF3-0214
UHF THREE FEMALE

KF3-0215
UHF MALE TO F FEMALE

KF3-0216
UHF MALE TO TNC FEMALE

KF3-0217
UHF FEMALE TO 3.5MM MALE

KF3-0218
UHF MALE TO UHF DOUBLE FEMALE

KF3-0219
UHF MALE WITH SPRING

KF3-0220
MINI UHF CRIMP MALE
A) RG 58/U
B) RG 59/U
C) RG 6/U

KF3-0221
MINI UHF CRIMP MALE
A) RG 58/U
B) RG 59/U
C) RG 6/U

KF3-0222
MINI UHF CRIMP FEMALE
A) RG 58/U
B) RG 59/U
C) RG 6/U

KF3-0223
MINI UHF FEMALE BULKHEAD

KF3-0224
MINI UHF DOUBLE MALE ADAPTOR

KF3-0225
MINI UHF DOUBLE MALE ADAPTOR

KF3-0226
MINI UHF MALE TO BNC FEMALE

KF3-0227
MINI UHF MALE TO TNC FEMALE

KF3-0228
MINI UHF MALE TO UHF FEMALE

KF3-0229
MINI UHF FEMALE TO BNC MALE

KF3-0230
MINI UHF FEMALE TO TNC MALE

KF3-0231
MINI UHF FEMALE TO UHF MALE

KF3-0232
MINI UHF DOUBLE MALE ADAPTOR

KF3-0233
RIGHT ANGLE MINI UHF MALE TO FEMALE

KF3-0234
MINI UHF MALE TO DOUBLE FEMALE

KF3-0235
MINI UHF THREE FEMALE

KF3-0236
MINI UHF MALE TWIST ON

KF3-0237
SMA MALE CRIMP TYPE
A) RG 58/U B) RG 59/U
C) RG 6/U D) RG 174/U

KF3-0238
SMA MALE CHASSIS MOUNT CRIMP TYPE (MOUNTING HOLE B)
A) RG 58/U B) RG 59/U
C) RG 6/U D) RG 174/U

KF3-0239
SMA MALE RIGNT ANGLE CRIMP TYPE
A) RG 58/U B) RG 59/U
C) RG 6/U
D) RG 174/U

KF3-0240
SMA MALE CLAMP TYPE

KF3-0241
SMA FEMALE CRIMP TYPE
A) RG 58/U B) RG 59/U
C) RG 6/U D) RG 174/U

KF3-0242
SMA FEMALE CHASSIS MOUNT CRIMP TYPE
A) RG 58/U B) RG 59/U
C) RG 6/U D) RG 174/U

KF3-0243
SMA FEMALE CHASSIS MOUNT RECEPACLE

KF3-0244
SMA FEMALE CHASSIS MOUNT RECEPACLE

KF3-0245
SMA DOUBLE MALE ADAPTORS

KF3-0246
SMA DOUBLE FEMALE

KF3-0247
SMA DOUBLE FEMALE BULKHEAD ADAPTORS

KF3-0248
SMA MALE TO BNC MALE

KF3-0249
SMA MALE TO BNC FEMALE

KF3-0250
SMA MALE TO MINI UHF MALE

KF3-0251
SMA MALE TO MINI UHF FEMALE

KF3-0252
SMA MALE TO N MALE

KF3-0253
SMA MALE TO N FEMALE

KF3-0254
SMA MALE TO TNC MALE

KF3-0255
SMA MALE TO TNC FEMALE

KF3-0256
SMA MALE TO UHF MALE

KF3-0257
SMA MALE TO UHF FEMALE

KF3-0258
SMA FEMALE TO BNC MALE

KF3-0259
SMA FEMALE TO BNC FEMALE

KF3-0260
SMA MALE BULKHEAD RECEPTCLE

KF3-0261
SMA FEMALE TO MINI UHF MALE

KF3-0262
SMA FEMALE TO N MALE

KF3-0263
SMA FEMALE TO N FEMALE

KF3-0264
SMA FEMALE TO TNC MALE

KF3-0265
SMA FEMALE TO TNC FEMALE

KF3-0266
SMA FEMALE TO UHF MALE

KF3-0267
SMA FEMALE TO UHF FEMALE

KF3-0268
RIGHT ANGLE SMA MALE TO SMA FEMALE

KF3-0269
SMA MALE TO DOUBLE FEMALE

KF3-0270
SMA THREE FEMALE ADAPTORS

KF3-0271
SMA FEMALE TO MINI UHF FEMALE

KF3-0272
SMA MALE TERMINATIORS WITH CHINA

KF3-0273
SMA FEMALE PANEL MOUNT

KF3-0274
RIGHT ANGLE SMA FEMALE PC BOARD MOUNT

KF3-0275
SMA MALE PANEL MOUNT

KF3-0276
SMA FEMALE PC MOUNT

KF3-0277
SMA MALE PANEL MOUNT

KF3-0278
RIGHT ANGLE SMA MALE TERMINATOR

KF3-0279
SMA FEMALE CRIMP
A) RG 58/U
B) RG 59/U
C) RG 6/U

KF3-0280

KF3-0281
SMA MALE CRIMP
A) RG 58/U
B) RG 59/U
C) RG 6/U

KF3-0282
SMA FEMALE MOLDER

KF3-0283
SMA DOUBLE FEMALE

KF3-0284
RIGHT ANGLE SMA MALE PC BOARD MOUNT

KF3-0285
SMA FEMALE CRIMP
A) RG 58/U
B) RG 59/U
C) RG 6/U

KF3-0286
SMA FEMALE CRIMP
A) RG 58/U
B) RG 59/U
C) RG 6/U

KF3-0287
SMA FEMALE CLAMP
A) RG 58/U
B) RG 59/U
C) RG 6/U

KF3-0288
SMA FEMALE BULKHEAD
A) WITH WASH & NUTS
B) W/O WASH & NUTS

KF3-0289
SMA MALE TO SMA MALE

KF3-0290

KF3-0291

KF3-0292

KF3-0317
BNC MALE SOLDERLESS

KF3-0318
BNC FEMALE SOLDERLESS

KF3-0319
F MALE SOLDERLESS

KF3-0320
F QUICK MALE SOLDERLESS

KF3-0321
PAL MALE SOLDERLESS

KF3-0322
PAL FEMALE SOLDERLESS

KF3-0323
RCA PLUG SOLDERLESS

KF3-0324
UHF MALE SOLDERLESS

Property	Value
Shrink Temperature	90ûC
Temperature Range	-55ûC ~ 125ûC
Radial Shrinking Ratio	³50%
Longitudinal Shrinking Ratio	²5%
Tensile Strength	³14Mpa
Aging	7 Days Air Cren at 158.0±1.0ûC 60 Days Air Cren at 134.0±1.0ûC
Tensile Strength after Aging	³10Mpa
Elongation after Aging	³200%
Volume Resistivity	³10¹⁴½.cm
Dielectric Strength	³25KV/mm
Flammability	VW-1

REGULAR TYPE

SPECIFICATION (mm)	BEFORE SHRINKING		AFTER SHRINKING		APPLICATION	STANDARD PACKING
	INSIDE DIAMETER	THICKNESS	MAXINSIDE DIAMETER	THICKNESS		
Ø0.8	1.00±0.30	0.20±0.05	0.45	0.35±0.05	0.40~0.80	200
Ø1.0	1.50±0.30	0.20±0.05	0.60	0.35±0.05	0.50~0.90	200
Ø1.5	2.00±0.30	0.20±0.05	0.80	0.35±0.05	0.75~1.40	200
Ø2.0	2.50±0.30	0.20±0.05	1.00	0.42±0.05	1.00~1.80	200
Ø2.5	3.00±0.30	0.20±0.05	1.25	0.42±0.05	1.25~2.30	200
Ø3.0	3.50±0.30	0.20±0.05	1.50	0.42±0.05	1.50~2.70	200
Ø3.5	4.00±0.30	0.20±0.05	1.75	0.42±0.05	1.75~3.20	200
Ø4.0	4.50±0.30	0.20±0.05	2.00	0.45±0.05	2.00~3.60	200
Ø5.0	5.50±0.30	0.28±0.05	2.50	0.50±0.05	2.50~4.50	100
Ø6.0	6.50±0.30	0.28±0.08	3.00	0.50±0.08	3.00~5.40	100
Ø7.0	7.50±0.50	0.30±0.08	3.50	0.55±0.08	3.50~6.30	100
Ø8.0	8.50±0.50	0.30±0.08	4.00	0.60±0.08	4.00~7.20	100
Ø9.0	9.50±0.50	0.30±0.08	4.50	0.60±0.08	4.50~8.00	100
Ø10	10.50±0.50	0.30±0.08	5.00	0.60±0.08	5.00~9.00	100
Ø11	11.50±0.50	0.30±0.10	5.50	0.60±0.08	5.50~10.0	100
Ø12	12.50±0.50	0.30±0.10	6.00	0.60±0.08	6.00~11.0	100
Ø13	13.50±0.50	0.35±0.10	6.50	0.65±0.08	6.50~12.0	100
Ø14	14.40±0.50	0.35±0.10	7.00	0.65±0.08	7.00~13.0	100
Ø15	15.50±0.60	0.40±0.12	7.50	0.70±0.08	7.50~14.0	100
Ø16	16.50±0.60	0.40±0.12	8.00	0.70±0.08	8.00~15.0	100
Ø18	19.00±0.60	0.40±0.12	9.00	0.80±0.15	9.00~17.0	100
Ø20	21.00±0.60	0.40±0.15	10.00	0.80±0.15	10.0~19.0	100
Ø22	23.00±0.70	0.45±0.15	11.00	0.80±0.15	11.0~21.0	100
Ø25	26.00±0.70	0.45±0.15	12.50	0.90±0.15	12.5~24.0	50
Ø28	29.50±0.70	0.45±0.15	14.00	0.90±0.15	14.0~29.0	50
Ø30	31.50±0.70	0.50±0.15	15.00	0.95±0.15	15.0~29.0	50
Ø35	38.00±0.70	0.50±0.15	17.50	1.00±0.15	17.5~34.0	50
Ø40	40.50±0.70	0.50±0.15	20.00	1.00±0.15	20.0~39.0	50
Ø50	50.50±0.70	0.50±0.15	25.00	1.00±0.15	25.0~49.0	50
.....	.....	.....	.....	.....	.....	....
Ø200	201±0.80	0.80±0.15	100.00	1.60±0.15	100.0~199.0	10

SUPER-THIN TYPE

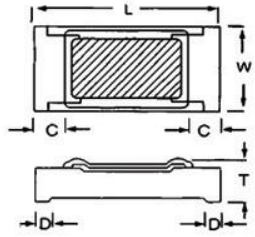
SPECIFICATIDN (mm)	BEFORE SHRINKING		AFTER SHRINKING		APPLICATION	STANDARD PACKING
	INSIDE DIAMETER	THICKNESS	MAXINSIDEDIAMETER	THICKNESS		
¯1.0	1.3±0.30	0.15±0.05	⌀0.6	0.28±0.05	0.5~0.9	200
¯1.5	1.8±0.30	0.15±0.05	⌀0.8	0.28±0.05	0.75~1.4	200
¯2.0	2.3±0.30	0.15±0.05	⌀1.0	0.30±0.05	1.0~1.8	200
¯2.5	2.8±0.30	0.15±0.05	⌀1.2	0.30±0.05	1.25~2.3	200
¯3.0	3.3±0.30	0.15±0.05	⌀1.5	0.30±0.05	1.5~2.7	200
¯3.5	3.8±0.30	0.15±0.05	⌀1.8	0.30±0.05	1.75~3.2	200
¯4.0	4.3±0.30	0.18±0.05	⌀2.0	0.30±0.05	2.0~3.6	200
¯5.0	5.3±0.30	0.18±0.05	⌀2.5	0.38±0.05	2.5~4.5	100
¯6.0	6.3±0.30	0.20±0.05	⌀3.0	0.38±0.05	3.0~5.4	100
¯7.0	7.3±0.50	0.20±0.05	⌀3.5	0.38±0.05	3.5~6.3	100
¯8.0	8.3±0.50	0.20±0.05	⌀4.0	0.38±0.05	4.0~7.2	100
¯9.0	9.3±0.50	0.20±0.05	⌀4.5	0.40±0.05	4.5~8.0	100
¯10.0	10.3±0.50	0.20±0.05	⌀5.0	0.40±0.05	5.0~9.0	100
¯11.0	11.3±0.50	0.20±0.05	⌀5.5	0.40±0.05	5.5~10.0	100
¯12.0	12.3±0.50	0.23±0.05	⌀6.0	0.40±0.05	6.0~11.0	100
¯13.0	13.3±0.50	0.23±0.05	⌀6.5	0.40±0.05	6.5~12.0	100
¯14.0	14.3±0.50	0.23±0.05	⌀7.0	0.40±0.05	7.0~13.0	100
¯15.0	15.3±0.50	0.24±0.05	⌀7.5	0.40±0.05	7.5~14.8	100
¯16.0	16.3±0.50	0.24±0.05	⌀8.5	0.40±0.05	8.0~15.8	100

FLAT CABLE

Spec:9-64, Space:2.54mm/0.10"

Conductor diameter:0.127±0.005mm
Conductor elongation:18%↑
Insulation thickness:0.18mm Min,0.23mm Average
Insulation tensile strength:1.056kg/mm²↑
Spark-over test:2.5kv/0.15SEC↑

SPE	CONNDUCTOR SPE.	
	AWG	SIZE/MM
9p	28	7/0.127
10p	28	7/0.127
15p	28	7/0.127
16p	28	7/0.127
20p	28	7/0.127
25p	28	7/0.127
26p	28	7/0.127
34p	28	7/0.127
40p	28	7/0.127
50p	28	7/0.127
60p	28	7/0.127
64p	28	7/0.127



STANDARD PACKING

	Bulk	Tape/reel	
CR05	1.000	10.000	50.000
CR10	1.000	5.000	10.000
CR21	1.000	5.000	10.000
CR32	1.000	5.000	10.000

DIMENSION:mm

	CR05	CR10	CR21	CR32
L	$1.00_{\pm 0.05}$ (.040±0.02)	$0.60_{\pm 0.10}$ (.060±0.04)	$2.00_{\pm 0.10}$ (.080±0.04)	$3.10_{\pm 0.10}$ (.120±0.04)
W	$0.50_{\pm 0.05}$ (.020±0.02)	$0.80^{+0.15}_{-0.10}$ ($.030^{+0.06}_{-0.04}$)	$0.25^{+0.15}_{-0.10}$ ($.050^{+0.06}_{-0.04}$)	$1.55^{+0.15}_{-0.10}$ ($.060^{+0.06}_{-0.04}$)
T	$0.35_{\pm 0.05}$ (.014±0.02)	$0.50_{\pm 0.10}$ (.020±0.04)	$0.55_{\pm 0.10}$ (.022±0.04)	$0.55^{+0.10}_{-0.05}$ ($.022^{+0.04}_{-0.02}$)
C	$0.20_{\pm 0.15}$ (.008±0.06)	$0.25_{\pm 0.20}$ (.010±0.08)	$0.35_{\pm 0.20}$ (.014±0.08)	$0.45_{\pm 0.20}$ (.018±0.08)
D	$0.20_{\pm 0.10}$ (.008±0.04)	$0.20^{+0.20}_{-0.15}$ ($.008^{+0.08}_{-0.06}$)	$0.40_{\pm 0.20}$ (.016±0.08)	$0.45_{\pm 0.20}$ (.018±0.08)

NPN.PNP POWER TRANSISTOR

TYPE.NO	NPO OR PNP	MAXIMOM RATINGS													NOTE
		BVCBO (V)	BV CED (V)	I CM (MA)	P D (MW)	ICBO (MA)	VCB(V)	V CES (MV)	IC(MA)	IB(MA)	HFE	VCE(V)	IC(MA)	ft (MHZ)	
MMBT9011	NPN	50	30	50	150	0.1	30	500	100	10	40-400	10	1	100	
MMBT9012	PNP	40	30	200	200	0.1	25	500	100	10	40-400	1	50	80	
MMBT9013	NPN	40	30	200	200	0.1	25	500	100	10	40-400	1	50	80	
MMBT9014	NPN	50	30	100	200	0.1	40	500	10	1	40-400	10	2	80	
MMBT9015	PNP	50	30	100	200	0.1	40	500	10	1	40-400	10	2	80	
MMBT9018	NPN	30	18	20	200	0.1	18	500	10	1	40-270	10	1	500	
MMBT8050	NPN	25	20	700	350	0.6	20	500	500	50	100-400	1	100	100	
MMBT8550	PNP	25	20	700	350	0.6	20	500	500	50	100-400	1	100	100	
MMBTA42	NPN	300	300	500	350	0.1	260	200	20	2	74-	10	10	50	
MMBT5551	NPN	160	150	600	350	0.03	120	200	10	1	80-300	5	10		
2SA811	PNP	-120	-120	-50	200	-0.05	-120	-300	-10	-1	135-900	-6.0	-1.0	50	
2SA812	PNP	-60	50	-100	200	-0.1	-60	-300	-100	-10	90-600	-6.0	-1.0	50	
2SA1036	PNP	-40	-32	-500	200	-1	-20	-400	-100	-10	82-390	-3	-10	200	
2SA1037	PNP	-50	-40	-100	200	-0.5	-30	-500	-50	-5	120-560	-6	-1	140	
2SA1162	PNP	-50	-50	-150	150	-0.1	-50	-300	-100	-10	70-400	-6	-2	80	
MMBT3906	PNP	40	40	200	350			250	10	1	100-300	1	10	250	
MMBT2907	PNP	60	40	600	350	0.05	60	400	150	15	100-300	10	150	200	
MMBT4403	PNP	40	40	600	350			400	150	15	100-300	10	150	200	
MMBT5401	PNP	160	150	600	350	0.03	120	200	10	1	80-300	5	10		
MMBTA92	PNP	300	300	500	350	0.1	260	200	20	2	74-	10	10	50	
BC846	NPN	80	65	100	200	0.015	80	600	100	5	110-450	5	2	300	
BC847	NPN	50	40	100	200	0.015	50	600	100	5	110-800	5	2	300	
BC817	NPN	50	45	500	200	0.1	45	700	500	50	100-600	1	100	200	
BC818	NPN	30	25	500	200	0.1	25	700	500	50	100-600	1	100	200	
MMBT1008	NPN	60	60	500	300	0.1	35	500	100	50	80-240	1	50	100	
MMBT1959	NPN	35	30	500	250	0.1	25	500	500	20	200-800	2	500	200	
2SD1328	NPN	25	20	500	200	0.1	25	500	500	20	200-800	2	-500	200	
FMM591	NPN	80	60	1000	500	0.1	60	300	-500	-50	100-300	5	-500	150	
2SC3098	NPN	30	20	50	150	0.101	10				30-300	10	1	3.5G	NF=3Db(1G)
FMSIA	PNP	x2	-40	-100							120	-6	-1		SOT-25
FMWI	NPN	x2	40	100							120	6	1		SOT-25
2SA1179	PNP	-55	-50	-150	200	-0.1	-35	-500	-50	-50	90-600	-6	-1	180	
2SA1338	PNP	-60	-50	-500	200	-0.1	-40	-400	-100	-10	100-560	-5	-10	200	
2SA1464	PNP	-60	-40	-500	200	-0.1	-400	-750	-500	-50	75-300	2	150	150	

CHIP SWITCHING DIODE

Device name	P tot (mW)	L r max (μA)	L r @ V r (V)	t rr max (ns)	t rr L f (mA)	V rrm (V)	V r (V)	L fm (mA)	L f (mA)	V r min (V)	V r max (V)	C o max (pf)	part marking	package
BAL74		0.1	50	2	10		50	200	100		1	2	JS	SOT23
BAR74		0.1	50	2	10		50	200	100		1	2	JB	SOT23
BAL99	330	2.5	70	6	10	70	70	200	100		715	1.5	E2	SOT23
BAR99	330	2.5	70	6	10	70	70	200	100		715	1.5	E3	SOT23
BAS16	330	1	75	6	10	85	75	250			715	2	A3	SOT23
BAS19		0.1	100	50	30	120	100	625	200		100	5	A8	SOT23
BAS20		0.1	150	50	30	200	150	625	200		100	5	A81	SOT23
BAS21		0.1	200	50	30	250	200	625	200		100	5	A82	SOT23
BAV70	330	5	70	6	10	70	70	200	100		715	1.5	A4	SOT23
BAV74	330	0.1	50	2	10		50	200	100		100	2	JA	SOT23
BAV99	330	2.5	70	6	10	70	70	200	100		715	1.5	JA	SOT23
BAW56	330	2.5	70	6	10	70	70	200	100		715	1.5	A1	SOT23
BAW74	330	0.1	50	2	10		50	200	100		100	2	W74	SOT23
FMMD914	330	0.02	20	4	10	75	75	225	75		100	4	5D	SOT23
FMMD2835	330	0.1	50	6	10		35	200	100		100	4	A9	SOT23
FMMD2836	330	0.1	50	6	10		75	200	100		100	4	A2	SOT23
FMMD2837	330	0.1	50	6	10		35	200	100		100	4	A5	SOT23
FMMD2838	330	0.1	50	6	10		75	200	100		100	4	A6	SOT23
FMMD6050	330	0.1	50	10	10		70	500		500	700	2.5	5A	SOT23
FMMD6100	330	0.1	50	5	10		70	500		500	700	2.5	5B	SOT23
FMMD7000	330	0.3	50	15	10		70	500		500	700	2.5	5C	SOT23
HD2A	330	1	75	6	10		75			500	715	4	5D	SOT23
HD3A	330	1	75	6	10		75			500	715	4	4D	SOT23
HD4A	330	1	75	6	10		75			500	715	4	7D	SOT23

CHIP RECTIFIER DIODE

TYPE NO.	SPECIALITY							NOTE
	VRF VRMM (V)	IFAV (A)	IFSM (A)	IR (A)	VF (V)	IF (V)	Trr (us)	
GL4001	50	1	30	1	<1.1	1	4	LL41 DO214
GL4002	100	1	30	1	<1.1	1	4	LL41 DO214
GL4004	400	1	30	1	<1.1	1	4	LL41 DO214
GL4005	500	1	30	1	<1.1	1	4	LL41 DO214
GL4007	1000	1	30	1	<1.1	1	4	LL41 DO214
BY10-200	200	1	30	1	<1.1	1	4	LL41
BYG10G	400	1.5	30	1	<1.1	20MA	4	DO214
BA779	30	50MA		0.05	<1	1	PIN DIODE	SOT-23
GR4001	50	1	30	1	<1.3	1	75ns	LL41
GR4002	100	1	30	1	<1.3	1	75ns	LL41
GR4004	400	1	30	1	<1.3	1	75ns	LL41
GR4007	100	1	30	1	<1.3	1	75ns	LL41
BY11-200	200	1	30	1	<1.3	1	75ns	LL41
BYG20G	400	1.5	30	1	<1.3	1	75ns	DO214

VG Series Chip Type Aluminum Electrolytic Capacitors

Features

- Case diameter:¿4mm-¿10mm.:¿4mm-¿10mm
- Reflow soldering is available.
- Available for high density surface mounting.

Specifications

Items	Characteristics
Operating Temperature Range	-40°C ~85°C
Rated Voltage Range	4V~100V
Nominal Capacitance Range	0.1~1500μF
Nominal Capacitance Tolerance	±20% (20°C,120Hz)
Leakage Current	1²0.01$C_R V_R$or3(μA) Whichever is greater (After 2 minutesÕ application of rated voltage) C_R:Nominal Capacitance(μF) U_R:Rated voltages(V)

Dissipation Factor (Max) 20°C,120Hz										
	U_R(V)	4	6.3	10	16	25	35	50	63	100
	tg⁸	0.35	0.28	0.24	0.20	0.16	0.14	0.12	0.12	0.10

Load Life		
	After 1000 hoursÕ application of rated voltage at 85°C,the capacitor shall meet the following requirement:	
	Capacitance Change	Within ± 20% of the inital value (²16V:within±25%of the initial value)
	Dissipation Factor	Not more than 200%of the initial specified value
	Leakage Current	Not more than the initial specified value

Shelf Life	After storage for 500 hours at + 85°C,the capacitors shall meet the requirement of load life above

Low Temperature Stability Impedance Ratio(120Hz)	U_R(V)		4	6.3	10	16	25	35	50	63	100
	Z(-25°C)	< ø8	7	4	3	2	2	2	2	2	2
	/Z(+20°C)	≥ ø8	7	5	4	3	2	2	2	2	2
	Z(-40°C)	< ø8	15	8	8	4	4	3	3	3	3
	/Z(+20°C)	≥ ø8	15	10	8	6	4	3	3	3	3

Resistance to Soldering Heat	The capacitors shall be kept on the hot plate maintained at 250°C for 30 seconds.After removing from the hot plate and restored at room temperature,they meet the following requirement.	
	Capacitance Change	Within ± 10% of the initial value
	Dissipation Factor	Not more than the initial specified value
	Leakage Current	Not more than the initial specified value

VS Series Chip Type Aluminum Electrolytic Capacitors

Features

- Case diameter:¿4mm-¿10mm.:¿4mm-¿10mm
- Reflow soldering is available.
- Available for high density surface mounting.

Specifications

Items	Characteristics									
Operating Temperature Range	-40°C ~85°C									
Rated Voltage Range	4V~100V									
Nominal Capacitance Range	0.1~1500μF									
Nominal Capacitance Tolerance	±20% (20°C,120Hz)									
Leakage Current	1²0.01$C_R V_R$or3(μA) Whichever is greater (After 2 minutesÕ application of rated voltage) C_R:Nominal Capacitance(μF) U_R:Rated voltages(V)									
Dissipation Factor (Max) 20°C,120Hz	U_R(V)	4	6.3	10	16	25	35	50	63	100
	tgδ	0.35	0.28	0.24	0.20	0.16	0.14	0.12	0.12	0.10
Load Life	After 2000 hoursÕ application of rated voltage at 85°C,the capacitor shall meet the following requirement:									
	Capacitance Change	Within ±20% of the inital value(²16V:within±25%of the initial value)								
	Dissipation Factor	Not more than 200%of the initial specified value								
	Leakage Current	Not more than the initial specified value								
Shelf Life	After storage for 1000 hours at + 85°C,U_R to be applied for 30 minutes,the capacitors shall meet the requirement of load life above									
Low Temperature Stability Impedance Ratio(120Hz)	U_R(V)		4	6.3	10	16	25	35	50	63	100
	Z(-25°C) /Z(+20°C)	< ø8	7	4	3	2	2	2	2	2	2
		≥ ø8	7	5	4	3	2	2	2	2	2
	Z(-40°C) /Z(+20°C)	< ø8	15	8	8	4	4	3	3	3	3
		≥ ø8	15	10	8	6	4	3	3	3	3
Resistance to Soldering Heat	The capacitors shall be kept on the hot plate maintained at 250°C for 30 seconds.After removing from the hot plate and restored at room temperature,they meet the following requirement.									
	Capacitance Change	Within ± 10% of the initial value								
	Dissipation Factor	Not more than the initial specified value								
	Leakage Current	Not more than the initial specified value								

VT Series Chip Type Aluminum Electrolytic Capacitors

Features

- Case diameter:¿4mm-¿10mm.:¿4mm-¿10mm
- Reflow soldering is available.
- Available for high density surface mounting.
- (-40~+105ºC) Operating over wide temperature range.

Specifications

Items	Characteristics							
Operating Temperature Range	-40ºC ~+105ºC							
Rated Voltage Range	4V~50V							
Nominal Capacitance Range	0.1~1000μF							
Nominal Capacitance Tolerance	±20% (20ºC,120Hz)							
Leakage Current	1²0.01$C_R V_R$or3(μA) Whichever is greater(After 2 minutesÕ application of rated voltage) C_R:Nominal Capacitance(μF) U_R:Rated voltages(V)							
Dissipation Factor (Max) 20ºC,120Hz	U_R(V)	4	6.3	10	16	25	35	50
	ιγ	0.35	0.28	0.24	0.20	0.16	0.14	0.12
Load Life	After 1000 hoursÕ application of rated voltage at 105ºC,the capacitor shall meet the following requirement:							
	Capacitance Change	Within ±20% of the initial value(²16V:within±25%of the initial value)						
	Dissipation Factor	Not more than 300%of the initial specified value						
	Leakage Current	Not more than the initial specified value						
Shelf Life	After storage for 1000 hours at + 105ºC,U_R to be applied for 30 minutes,the capacitors shall meet the requirement of load life above							
Low Temperature Stability Impedance Ratio(120Hz)	U_R(V)	4	6.3	10	16	25	35	50
	Z(-25ºC)/Z(+20ºC)	7	4	3	2	2	2	2
	Z(-40ºC)/Z(+20ºC)	15	8	6	4	4	3	3
Resistance to Soldering Heat	The capacitors shall be kept on the hot plate maintained at 250ºC for 30 seconds.After removing from the hot plate and restored at room temperature,they meet the following requirement.							
	Capacitance Change	Within ± 10% of the initial value						
	Dissipation Factor	Not more than the initial specified value						
	Leakage Current	Not more than the initial specified value						

VN Series Chip Type Aluminum Electrolytic Capacitors

Features

- Bi-polarized
- Reflow soldering is available.
- Available for high density surface mounting.

Specifications

Items	Characteristics						
Operating Temperature Range	-40°C ~+85°C						
Rated Voltage Range	6.3V~50V						
Nominal Capacitance Range	0.1~100μF						
Nominal Capacitance Tolerance	±20% (20°C,120Hz)						
Leakage Current	1²0.05$C_R V_R$or 10 (μA) Whichever is greater(After 2 minutesÕ application of rated voltage) C_R:Nominal Capacitance(μF) U_R:Rated voltages(V)						
Dissipation Factor (Max) 20°C,120Hz	U_R(V)	6.3	10	16	25	35	50
	tg§	0.28	0.24	0.16	0.14	0.12	0.12
Load Life	After 1000 hoursÕ application of rated voltage at 85°C,with the polarity inverted every 250 hours,the capacitor shall meet the fllowing requirement:						
	Capacitance Change	Within ±20% of the inital value					
	Dissipation Factor	Not more than 200%of the initial specified value					
	Leakage Current	Not more than initial specified value					
Shelf Life	After storage for 1000 hours at + 85°C,UR to be applied for 30minutes,the capacitors shall meet the requirement of load life above						
Low Temperature Stability Impedance Ratio(120Hz)	U_R(V)	6.3	10	16	25	35	50
	Z(-25°C)/Z(+20°C)	4	3	2	2	2	2
	Z(-40°C)/Z(+20°C)	8	6	4	4	3	3
Resistance to Soldering Heat	The capacitors shall be kept on the hot plate maintained at 250°C for 30 seconds.After removing from the hot plate and restored at room temperature,they meet the following requirement.						
	Capacitance Change	Within ± 10% of the initial value					
	Dissipation Factor	Not more than the initial specified value					
	Leakage Current	Not more than the initial specified value					

VZ Series Chip Type Aluminum Electrolytic Capacitors

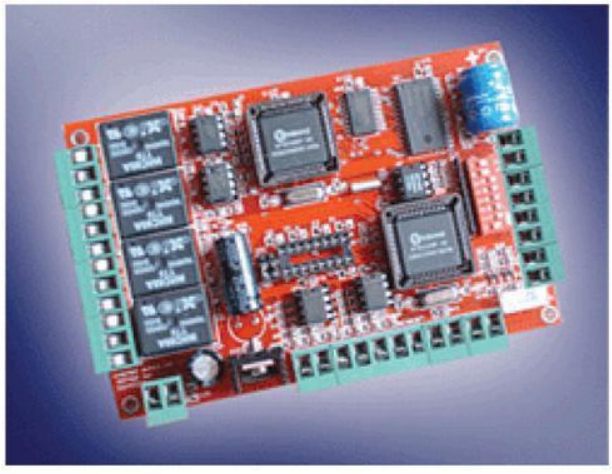
Features

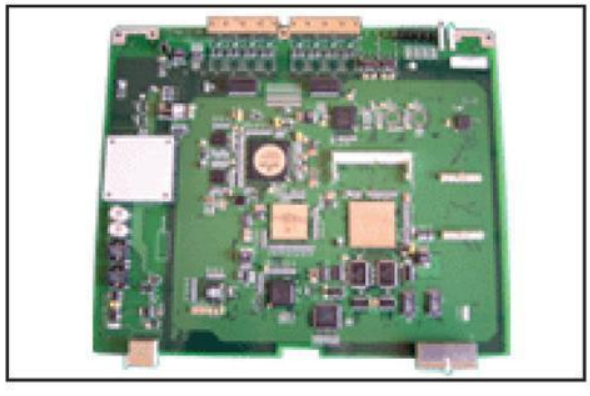
- Low impedance.
- Reflow soldering is available.
- Available for high density surface mounting.
- (-55~+105°C)Operating over wide temperature range.

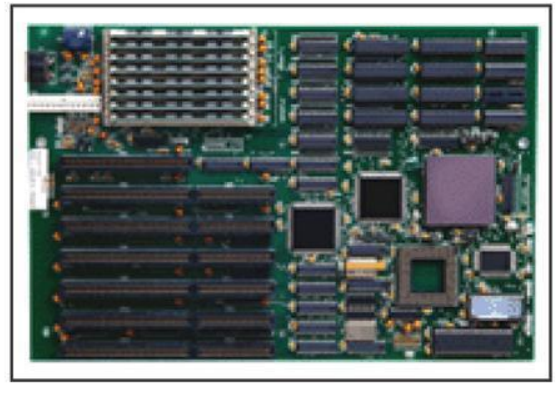
Specifications

Items	Characteristics					
Operating Temperature Range	-55°C ~+105°C					
Rated Voltage Range	6.3V~35V					
Nominal Capacitance Range	1~220μF					
Nominal Capacitance Tolerance	±20% (20°C,120Hz)					
Leakage Current	1²0.01$C_R V_R$or 3 (μA) Whichever is greate r(After 2 minutesÕ application of rated voltage) C_R:Nominal Capacitance(μF) U_R:Rated voltages(V)					
Dissipation Factor (Max) 20°C,120Hz	U_R(V)	6.3	10	16	25	35
	tgδ	0.22	0.19	0.16	0.14	0.12
Load Life	After 1000 hoursÕ application of rated voltage at 105°C,the capacitor shall meet the following requirement:					
	Capacitance Change	Within ±20% of the inital value(²16V:within ±25% of the initial value)				
	Dissipation Factor	Not more than 300% of the initial specified value				
	Leakage Current	Not more than initial specified value				
Shelf Life	After storage for 1000 hours at + 105°C,$U_R$to be applied for 30 minutes,the capacitors shall meet the requirement of load life above					
Low Temperature Stability Impedance Ratio(120Hz)	U_R(V)	6.3	10	16	25	50
	Z(-25°C)/Z(+20°C)	2	2	2	2	2
	Z(-40°C)/Z(+20°C)	4	4	3	3	3
Resistance to Soldering Heat	The capacitors shall be kept on the hot plate maintained at 250°C for 30 seconds.After removing from the hot plate and stored at room temperature,they meet the following requirement.					
	Capacitance Change	Within ± 10% of the initial value				
	Dissipation Factor	Not more than the initial specified value				
	Leakage Current	Not more than the initial specified value				

OEM & ODM
POWERFUL PRODUCTION ABILITY OF FINISH PRDUCTS ASSEMBLY







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