



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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4-2 Fast Recovery Diodes

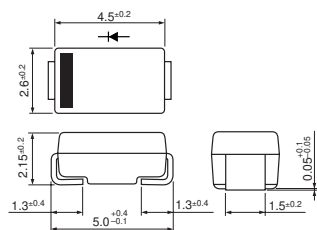
●Thru-Hole

V _{RM} (V)	I _F (A) (A) Values in parentheses are for the products with heatsinks	Package Axial (Body Diameter/Lead Diameter)	Part Number	I _{FSM} (A)	T _j (°C)	T _{stg} (°C)	V _F (V) max	I _F (A)	I _R (μA)	I _R (H) (μA)	T _j (°C)	trr ⁽¹⁾ (μs)	I _F /I _{RP} (mA)	trr ⁽²⁾ (μs)	I _F /I _{RP} (mA)	R _{th} (j-l) R _{th} (j-c) (°C/W)	Mass (g)
				50Hz Single Half Sine Wave					V _R =V _{RM} max	V _R =V _{RM} max							
200	0.5	Axial(φ2.7/φ0.6)	EU01Z	15	-40 to +150		1.0	0.5	10	150	100(Ta)	0.4	10/10	0.18	10/20	20	0.2
	0.5	Axial(φ2.7/φ0.78)	EU 1Z	15	-40 to +150		1.0	0.5	10	150	100(Ta)	0.4	10/10	0.18	10/20	17	0.3
	0.5	Axial(φ2.4/φ0.6)	AU01Z	15	-40 to +150		1.7	0.5	10	150	100(Ta)	0.4	10/10	0.18	10/20	22	0.13
	0.6	Axial(φ4.0/φ0.78)	RH 1Z	35	-40 to +150		1.3	0.6	5.0	70	150(Ta)	4.0	10/10	1.3	10/20	15	0.4
	0.7	Axial(φ2.7/φ0.78)	ES 1Z	30	-40 to +150		2.5	0.8	10	200	100(Ta)	1.5	10/10	0.6	10/20	17	0.3
	0.8	Axial(φ2.4/φ0.6)	AU02Z	25	-40 to +150		1.3	0.8	10	250	100	0.4	10/10	0.18	10/20	22	0.13
	1.0	Axial(φ2.7/φ0.6)	EU02Z	15	-40 to +150		1.4	1.0	10	300	100	0.4	10/10	0.18	10/20	20	0.2
	1.0	Axial(φ2.7/φ0.78)	EU 2Z	15	-40 to +150		1.4	1.0	10	3000	150	0.4	10/10	0.18	10/20	17	0.3
	1.0	Axial(φ4.0/φ0.78)	RU 2Z	20	-40 to +150		1.5	1.0	10	300	100(Ta)	0.4	10/10	0.18	10/20	15	0.4
	3.5	Axial(φ6.5/φ1.4)	RU 4Z	70	-40 to +150		1.3	3.5	10	300	100	0.4	10/10	0.18	10/20	8.0	1.2
	5.0	TO-220F(Center-tap)	FMU-12S, R	30	-40 to +150		1.5	2.5	50	500	100(Ta)	0.4	100/100	0.18	100/200	4.0	2.1
	10	TO-220F(Center-tap)	FMU-22S, R	40	-40 to +150		1.5	5.0	50	3000	150	0.4	100/100	0.18	100/200	4.0	2.1
400	0.25	Axial(φ2.7/φ0.6)	EU01	15	-40 to +150		2.5	0.25	10	150	100(Ta)	0.4	10/10	0.18	10/20	20	0.2
	0.25	Axial(φ2.7/φ0.78)	EU 1	15	-40 to +150		2.5	0.25	10	150	100(Ta)	0.4	10/10	0.18	10/20	17	0.3
	0.25	Axial(φ4.0/φ0.78)	RU 1	15	-40 to +150		2.5	0.25	10	200	100(Ta)	0.4	10/10	0.18	10/20	15	0.4
	0.5	Axial(φ2.4/φ0.6)	AU01	15	-40 to +150		1.7	0.5	10	150	100(Ta)	0.4	10/10	0.18	10/20	22	0.13
	0.6	Axial(φ2.4/φ0.6)	AS01	20	-40 to +150		1.5	0.6	10	50	100	1.5	10/10	0.6	10/20	22	0.13
	0.6	Axial(φ2.7/φ0.78)	EH 1	30	-40 to +150	1.35	0.6	10	200	100(Ta)	4.0	10/10	1.3	10/20	17	0.3	
	0.7	Axial(φ2.7/φ0.78)	ES 1	30	-40 to +150	2.5	0.8	10	200	100(Ta)	1.5	10/10	0.6	10/20	20	0.2	
	0.8	Axial(φ2.4/φ0.6)	AU02	25	-40 to +150	1.3	0.8	10	250	100	0.4	10/10	0.18	10/20	22	0.13	
	1.0	Axial(φ2.7/φ0.6)	EU02	15	-40 to +150	1.4	1.0	10	300	100	0.4	10/10	0.18	10/20	20	0.2	
	1.0	Axial(φ2.7/φ0.78)	EU 2	15	-40 to +150	1.4	1.0	10	300	100	0.4	10/10	0.18	10/20	17	0.3	
	1.1	Axial(φ4.0/φ0.78)	RU 2M	20	-40 to +150	1.2	1.1	10	300	100	0.4	10/10	0.18	10/20	15	0.4	
	1.5	Axial(φ4.0/φ0.98)	RU 3	20	-40 to +150	1.5	1.5	10	400	100	0.4	10/10	0.18	10/20	12	0.6	
	1.5	Axial(φ4.0/φ0.98)	RU 3M	50	-40 to +150	1.1	1.5	10	350	100	0.4	10/10	0.18	10/20	12	0.6	
	1.5(3.0)	Axial(φ6.5/φ1.4)	RU 4	50	-40 to +150	1.5	3.0	10	300	100(Ta)	0.4	10/10	0.18	10/20	8.0	1.2	
	2.0(3.5)	Axial(φ6.5/φ1.4)	RU 4M	70	-40 to +150	1.3	3.5	10	300	100	0.4	100/100	0.18	100/200	8.0	1.2	
	5.0	TO-220F(Center-tap)	FMU-14S, R	30	-40 to +150	1.5	2.5	50	500	100(Ta)	0.4	100/100	0.18	100/200	4.0	2.1	
	10	TO-220F(Center-tap)	FMU-24S, R	40	-40 to +150	1.5	5.0	50	3000	150	0.4	100/100	0.18	100/200	4.0	2.1	
	600	0.25	Axial(φ4.0/φ0.78)	RU 1A	15	-40 to +150	2.5	0.25	10	150	100	0.4	10/10	0.18	10/20	15	0.4
0.5		Axial(φ2.4/φ0.6)	AU01A	15	-40 to +150	1.7	0.5	10	150	100(Ta)	0.4	10/10	0.18	10/20	22	0.13	
0.6		Axial(φ4.0/φ0.78)	RF 1A	15	-40 to +150	2.0	0.6	10	200	100(Ta)	0.4	10/10	0.18	10/20	15	0.4	
0.6		Axial(φ2.4/φ0.6)	AS01A	20	-40 to +150	1.5	0.6	10	50	100	1.5	10/10	0.6	10/20	22	0.13	
0.6		Axial(φ4.0/φ0.78)	RH 1A	35	-40 to +150	1.3	0.6	5.0	70	150(Ta)	4.0	10/10	1.3	10/20	15	0.4	
0.7		Axial(φ2.7/φ0.6)	ES01A	20	-40 to +150	3.0	0.8	10	200	100(Ta)	1.5	10/10	0.6	10/20	20	0.2	
0.7		Axial(φ4.0/φ0.78)	RS 1A	30	-40 to +150	2.5	0.8	10	2000	150	1.5	10/10	0.6	10/20	15	0.4	
0.8		Axial(φ2.4/φ0.6)	AU02A	25	-40 to +150	1.3	0.8	10	250	100(Ta)	0.4	10/10	0.18	10/20	22	0.13	
1.0		Axial(φ2.7/φ0.6)	EU02A	15	-40 to +150	1.4	1.0	10	300	100	0.4	10/10	0.18	10/20	20	0.2	
1.0		Axial(φ2.7/φ0.78)	EU 2A	15	-40 to +150	1.4	1.0	10	300	100(Ta)	0.4	10/10	0.18	10/20	17	0.3	
1.0		Axial(φ4.0/φ0.78)	RU 2	20	-40 to +150	1.5	1.0	10	300	100(Ta)	0.4	10/10	0.18	10/20	15	0.4	
1.1		Axial(φ4.0/φ0.78)	RU 2AM	20	-40 to +150	1.2	1.1	10	300	100	0.4	10/10	0.18	10/20	15	0.4	
1.5		Axial(φ4.0/φ0.98)	RU 3A	20	-40 to +150	1.5	1.5	10	400	100	0.4	10/10	0.18	10/20	12	0.6	
1.5		Axial(φ4.0/φ0.78)	RU 20A	50	-40 to +150	1.1	1.5	10	350	100	0.4	10/10	0.18	10/20	15	0.4	
1.5		Axial(φ4.0/φ0.98)	RU 3AM	50	-40 to +150	1.1	1.5	10	350	100	0.4	10/10	0.18	10/20	12	0.6	
1.5(3.0)		Axial(φ6.5/φ1.4)	RU 4A	50	-40 to +150	1.5	3.0	10	300	100(Ta)	0.4	10/10	0.18	10/20	8	1.2	
3.0		Axial(φ4.0/φ0.98)	RY 2A	50	-40 to +150	1.15	3.0	10	1000	150	0.2	100/100	0.1	100/200	12	0.6	
3.0		TO-220F2Pin	FMY-1036S	50	-40 to +150	1.15	3.0	10	1000	150	0.2	100/100	0.1	100/200	4.0	2.1	
5.0		TO-220F2Pin	FMU-G16S	30	-40 to +150	1.25	5.0	50	500	100(Ta)	0.4	100/100	0.18	100/200	4.0	2.1	
5.0		TO-220F(Center-tap)	FMU-16S, R	30	-40 to +150	1.5	2.5	50	500	100(Ta)	0.4	100/100	0.18	100/200	4.0	2.1	
10		TO-220F(Center-tap)	FMU-26S, R	40	-40 to +150	1.5	5.0	50	3000	150	0.4	100/100	0.18	100/200	4.0	2.1	
10		TO-220F2Pin	FMU-G26S	40	-40 to +150	1.35	10	50	500	150	0.4	100/100	0.18	100/200	4.0	2.1	
10		TO-220F2Pin	FMY-1106S	180	-40 to +150	1.15	10	30	3000	150	0.2	100/100	0.1	100/200	4.0	2.1	
20		TO-220F(Center-tap)	FMY-2206S*	180	-40 to +150	1.15	10	30	3000	150	0.2	100/100	0.1	100/200	4.0	2.1	

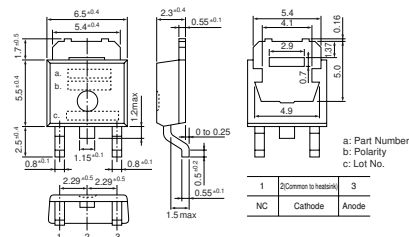
*Under development

Package Type (Dimensions)

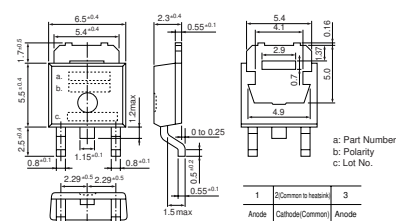
• No. 1 Surface-Mount (SJP)



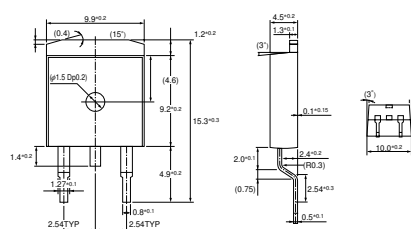
• No. 2 Surface-Mount (D pack)



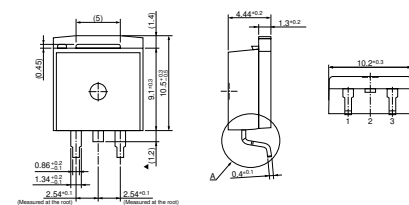
• No. 3 Surface-Mount (D pack) Center-tap



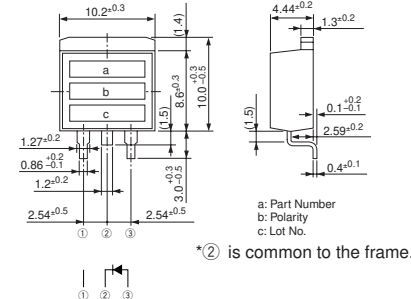
• No. 4 Surface-Mount (TO263)



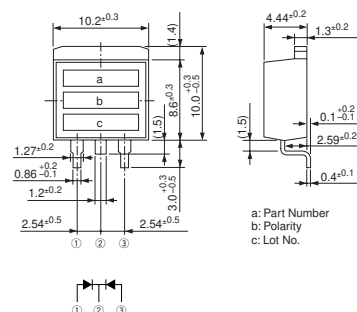
• No. 5 Surface-Mount (TO220S) MPL-102S, MP2-202S, MPL-1036



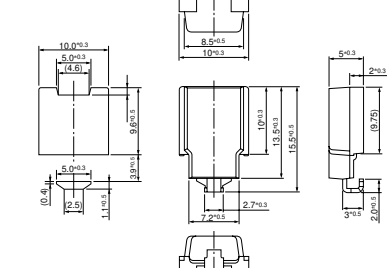
• No. 6 Surface-Mount (TO220S)



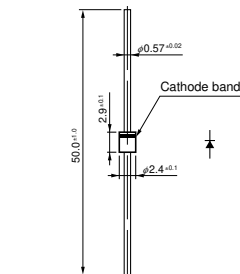
• No. 7 Surface-Mount (TO220S) Center-tap



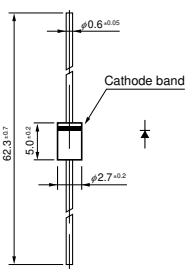
• No. 8 Surface-Mount (SZ-10)



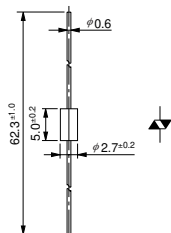
• No. 9 Axial (φ2.4/φ0.6)



• No. 10 Axial (φ2.7/φ0.6)



• No. 11 Axial (φ2.7/φ0.6) Silicon Varistors (Symmetrical)



• No. 12 Axial (φ2.7/φ0.78)

