

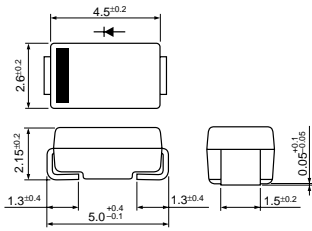
4-2 Fast Recovery Diodes

●Thru-Hole

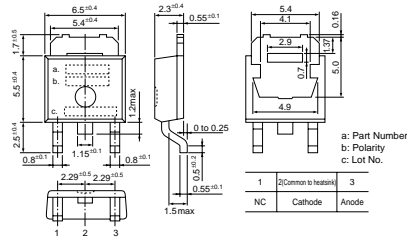
V _{RM} (V)	I _F (AV) (A) <small>Values in parentheses are for the products with heatsinks</small>	Package Axial <small>Body Diameter/Lead Diameter</small>	Part Number	I _{FSM} (A) <small>50Hz Single Half Sine Wave</small>	T _j (°C)	T _{sig} (°C)	V _F (V) max	I _F (A)	I _R	I _R (H)	T _a (°C)	trr ^① (μs)	I _F /I _{RP}	trr ^② (μs)	I _F /I _{RP}	R _{th(j-l)} R _{th(j-c)} (°C/W)	Mass (g)
									(mA) V _R =V _{RM} max	(μA) V _R =V _{RM} max			(mA)		(mA)		
100	1.2	Axial(φ2.7/φ0.78)	EU 2YX	25	-40 to +150	0.9	1.2	10	300	100	0.2	10/10	0.08	10/20	17	0.3	
	1.5	Axial(φ4.0/φ0.78)	RU 2YX	30	-40 to +150	0.95	1.5	10	300	100	0.2	10/10	0.08	10/20	15	0.4	
	2.0	Axial(φ4.0/φ0.98)	RU 3YX	50	-40 to +150	0.95	2.0	10	300	100	0.2	10/10	0.08	10/20	12	0.6	
	1.5(3.5)	Axial(φ5.2/φ1.2)	RU 30Y	80	-40 to +150	0.97	3.5	10	300	100	0.4	10/10	0.18	10/20	10	1.0	
	2.0(3.5)	Axial(φ6.5/φ1.4)	RU 4Y	70	-40 to +150	1.3	3.5	10	300	100	0.4	10/10	0.18	10/20	8	1.2	
	2.2(4.0)	Axial(φ6.5/φ1.4)	RU 4YX	70	-40 to +150	1.3	3.5	10	300	100	0.4	100/100	0.18	100/200	8	1.2	
	10	TO-220F-2Pin	FMU-G2YXS	100	-40 to +150	1.0	10	50	500	100	0.2	100/100	0.08	100/200	4.2	2.1	
200	0.25	Axial(φ2.7/φ0.6)	EU01Z	15	-40 to +150	2.5	0.25	10	150	100	0.4	10/10	0.18	10/20	20	0.2	
	0.25	Axial(φ2.7/φ0.78)	EU 1Z	15	-40 to +150	2.5	0.25	10	150	100	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	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	70	150	4	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	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	300	100	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	0.4	10/10	0.18	10/20	15	0.4	
	1.5(3.5)	Axial(φ5.2/φ1.2)	RU 30Z	80	-40 to +150	0.97	3.5	10	300	100	0.4	10/10	0.18	10/20	10	1.0	
	2.0(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	1.2	
	5.0	TO-220F(Center-tap)	FMU-12S, R	30	-40 to +150	1.5	2.5	50	500	100	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	500	100	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	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	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	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	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	150	4	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	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	
	2.0	Axial(φ5.2/φ1.2)	RU 30	200	-40 to +150	0.95	2.0	10	300	100	0.4	100/100	0.18	100/200	10	1.0	
	3.0	Axial(φ5.2/φ1.2)	RU 31	150	-40 to +150	1.2	3.0	50	500	100	0.4	100/100	0.18	100/200	10	1.0	
	1.5(3.0)	Axial(φ6.5/φ1.4)	RU 4	50	-40 to +150	1.5	3.0	10	300	100	0.4	10/10	0.18	10/20	8	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	1.2	
	5.0	TO-220F(Center-tap)	FMU-14S, R	30	-40 to +150	1.5	2.5	50	500	100	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	500	100	0.4	100/100	0.18	100/200	4.0	2.1		

Package Type (Dimensions)

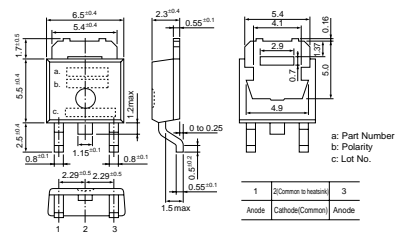
• No. 1 Surface-Mount (SJP)



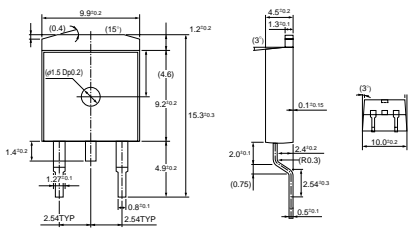
• No. 2 Surface-Mount (D pack)



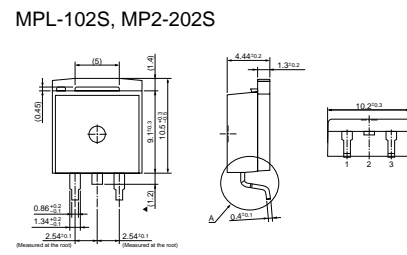
• No. 3 Surface-Mount (D pack) Center-tap



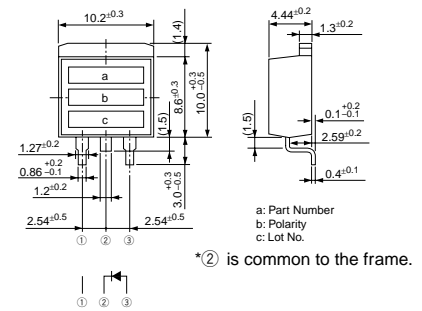
• No. 4 Surface-Mount (TO263)



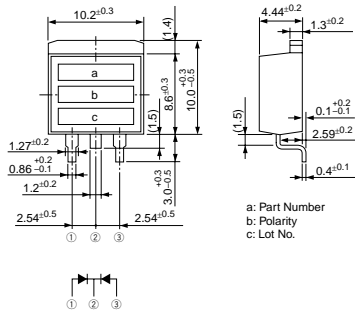
• No. 5 Surface-Mount (TO220S)



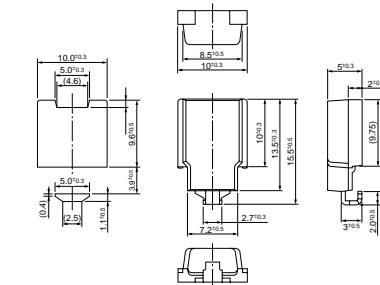
• No. 6 Surface-Mount (TO220S)



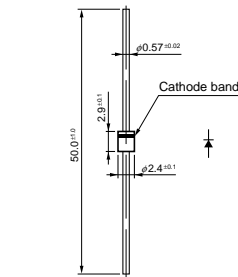
• No. 7 Surface-Mount (TO220S) Center-tap



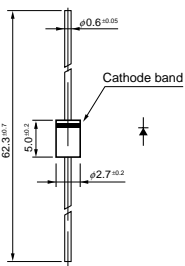
• No. 8 Surface-Mount (SZ-10)



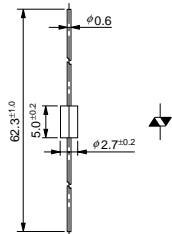
• No. 9 Axial (φ2.4/φ0.6)



• No. 10 Axial (φ2.7/φ0.6)



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



• No. 12 Axial (φ2.7/φ0.78)

