

4-4 Schottky Barrier Diodes

Standard

●Surface-Mount

V _{RM} (V)	I _F (AV) (A)	Package	Part Number	I _{FSM} (A)	T _J (°C)	T _{stg} (°C)	V _F (V) max	I _F (A)	I _R (mA)	I _{R(H)} (mA)	T _a (°C)	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			
40	1.0	Surface-Mount (SFP)	SFPB-54	30	-40 to +150	0.55	1.0	1	35	150	20	0.072	
	1.0	Surface-Mount (SJP)	SJPB-D4	30	-40 to +150	0.55	1.0	0.1	35	150	20	0.072	
	2.0	Surface-Mount (SFP)	SFPB-64	60	-40 to +150	0.55	2.0	5	70	150	20	0.072	
	2.0	Surface-Mount (SJP)	SJPB-H4	50	-40 to +150	0.55	2.0	0.2	70	150	20	0.072	
	3.0	Surface-Mount (SFP)	SFPB-74	60	-40 to +150	0.5	2.0	5	100	150	20	0.072	
	3.0	Surface-Mount (SJP)	SJPB-L4	60	-40 to +150	0.55	3.0	0.3	100	150	20	0.072	
	3.0	Surface-Mount (D pack)	SPB-G34S	50	-40 to +150	0.55	3.0	3.5	100	150	5	0.29	
	5.0	Surface-Mount (D pack)	SPB-G54S	60	-40 to +150	0.55	5.0	5	175	150	5	0.29	
60	0.7	Surface-Mount(SFP)	SFPB-56	10	-40 to +150	0.62	0.7	1	30	150	20	0.072	
	1.0	Surface-Mount (SJP)	SJPB-D6*	20	-40 to +150	0.70	1.0	0.1	30	150	20	0.072	
	1.5	Surface-Mount (SFP)	SFPW-56	25	-40 to +150	0.7	1.5	1	70	150	20	0.072	
	1.5	Surface-Mount (SJP)	SJPW-F6*	25	-40 to +150	0.70	1.5	1.0	70	150	20	0.072	
	2.0	Surface-Mount(SFP)	SFPB-66	25	-40 to +150	0.69	2.0	1	55	150	20	0.072	
	2.0	Surface-Mount(SFP)	SFPB-76	40	-40 to +150	0.62	2.0	2	70	150	20	0.072	
	2.0	Surface-Mount (SJP)	SJPB-H6*	40	-40 to +150	0.69	2.0	0.2	55	150	20	0.072	
	3.0	Surface-Mount (SJP)	SJPB-L6	50	-40 to +150	0.70	3.0	0.3	70	150	20	0.072	
90	0.7	Surface-Mount (SFP)	SFPB-59	10	-40 to +150	0.81	0.7	1	30	150	20	0.072	
	1.0	Surface-Mount (SJP)	SJPB-D9*	20	-40 to +150	0.85	1.0	0.1	30	150	20	0.072	
	1.5	Surface-Mount (SFP)	SFPB-69	40	-40 to +150	0.81	1.5	2	55	150	20	0.072	
	2.0	Surface-Mount (SJP)	SJPB-H9*	40	-40 to +150	0.85	2.0	0.2	56	150	20	0.072	
100	20	Surface-Mount (TO220S)Center-tap	MPE-220A	120	-40 to +150	0.85	10.0	1	100	150	2.5	1.04	

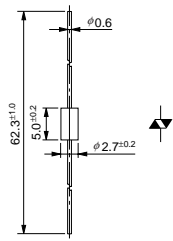
*: Under development

●Thru-hole

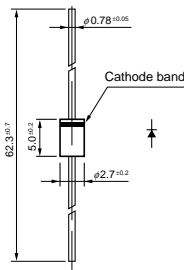
V _{RM} (V)	I _F (AV) (A)	Package Axial (Body Diameter/Lead Diameter)	Part Number	I _{FSM} (A)	T _J (°C)	T _{stg} (°C)	V _F (V) max	I _F (A)	I _R (mA)	I _{R(H)} (mA)	T _a (°C)	R _{th(j-l)} R _{th(j-c)} (°C/W)	Mass (g)
				50Hz Single Half Sine Wave					V _R =V _{RM} max	V _R =V _{RM} max			
30	1.0	Axial(φ2.4/φ0.6)	AK 03	25	-40 to +150	0.55	1.0	1.0	35	150	22	0.13	
	1.0	Axial(φ2.7/φ0.6)	EK 03	40	-40 to +150	0.55	1.0	5.0	35	150	20	0.3	
	1.7	Axial(φ4.0/φ0.78)	RK 13	60	-40 to +150	0.55	2.0	5	70	150	15	0.45	
	2.5	Axial(φ4.0/φ0.98)	RK 33	50	-40 to +150	0.55	2.5	5	100	150	12	0.6	
	3.0	Axial(φ6.5/φ1.4)	RK 43	80	-40 to +150	0.55	3.0	5	100	150	8	1.2	
40	1.0	Axial(φ2.4/φ0.6)	AK 04	25	-40 to +150	0.55	1.0	1	35	150	22	0.13	
	1.0	Axial(φ2.7/φ0.6)	EK 04	40	-40 to +150	0.55	1.0	5	35	150	20	0.3	
	1.5	Axial(φ2.7/φ0.78)	EK 14	40	-40 to +150	0.55	2.0	5	70	150	17	0.3	
	1.7	Axial(φ4.0/φ0.78)	RK 14	60	-40 to +150	0.55	2.0	5	70	150	15	0.45	
	2.5	Axial(φ4.0/φ0.98)	RK 34	50	-40 to +150	0.55	2.5	5	100	150	12	0.6	
	3.0	TO-220F2Pin	FMB-G14	60	-40 to +150	0.55	3.0	5	100	150	4	2.1	
	3.0	Axial(φ6.5/φ1.4)	RK 44	80	-40 to +150	0.55	3.0	5	100	150	8	1.2	
	4.0	TO-220F(Center-tap)	FMB-24	50	-40 to +150	0.55	2.0	5	250	150	4	2.1	
	5.0	Axial(φ6.5/φ1.4)	RW54	120	-40 to +150	0.55	5.0	1	150	150(T _J)	8	1.2	
	5.0	TO-220F2Pin	FMB-G14L	60	-40 to +150	0.55	5.0	5	175	150	4	2.1	
	6.0	TO-220F(Center-tap)	FMB-24M	60	-40 to +150	0.55	3.0	5	100	150	4	2.1	
	10	TO-220F(Center-tap)	FMB-24L	60	-40 to +150	0.55	5.0	5	175	150	4	2.1	
	10	TO-220F(Center-tap)	FMW-24L	100	-40 to +150	0.55	5.0	5	175	150	4	2.1	
	10	TO-220F2Pin	FMB-G24H	150	-40 to +150	0.55	10.0	10	350	150	4	2.1	
	15	TO-220F(Center-tap)	FMB-24H	100	-40 to +150	0.55	7.5	7.5	250	150	4	2.1	
15	TO-220F(Center-tap)	FMW-24H	120	-40 to +150	0.55	7.5	7.5	250	150	4	2.1		
20	TO-220F(Center-tap)	FMB-2204	150	-40 to +150	0.55	10	10	350	150	4	2.1		
20	TO-220F(Center-tap)	FMW-2204	150	-40 to +150	0.55	10.0	10	350	150	4	2.1		
30	TO-220F(Center-tap)	FMB-2304	150	-40 to +150	0.55	15	15	500	150	4	2.1		

• No. 13 Axial ($\phi 2.7/\phi 0.6$)

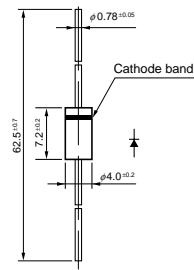
Silicon Varistors (Symmetrical)



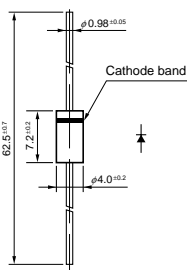
• No. 14 Axial ($\phi 2.7/\phi 0.78$)



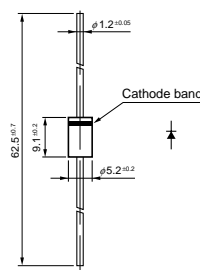
• No. 15 Axial ($\phi 4.0/\phi 0.78$)



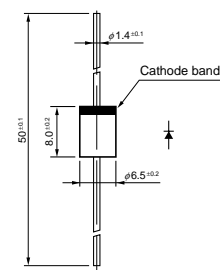
• No. 16 Axial ($\phi 4.0/\phi 0.98$)



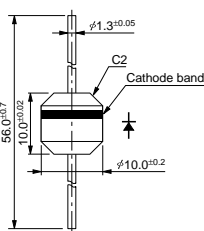
• No. 17 Axial ($\phi 5.2/\phi 1.2$)



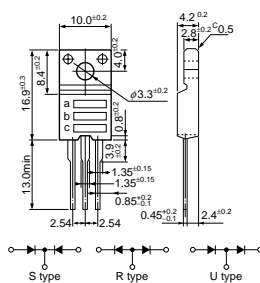
• No. 18 Axial ($\phi 6.5/\phi 1.4$)



• No. 19 Axial ($\phi 10.0/\phi 1.3$)

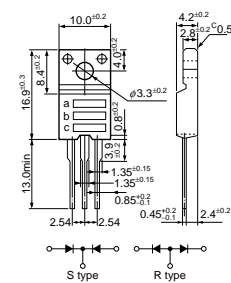


• No. 20 TO-220F (Two Elements)



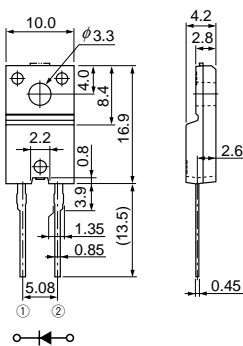
a: Part Number
b: Polarity
c: Lot No.

• No. 21 TO-220F (Center-tap)

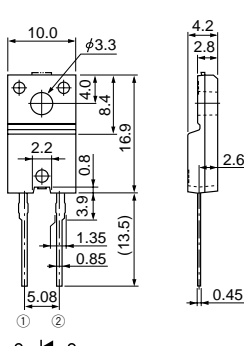


a: Part Number
b: Polarity
c: Lot No.

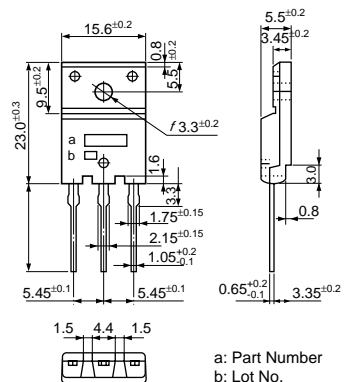
• No. 22 TO-220F2Pin



• No. 23 TO-220F2Pin (Two Elements)



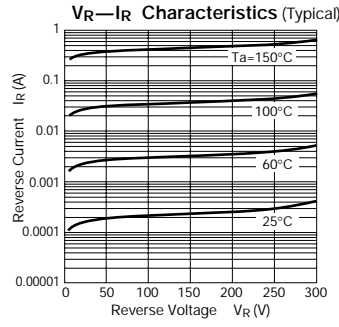
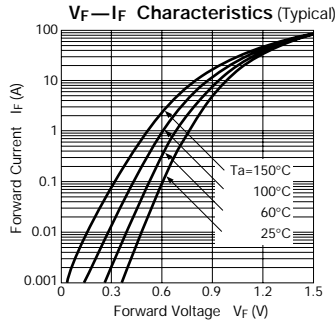
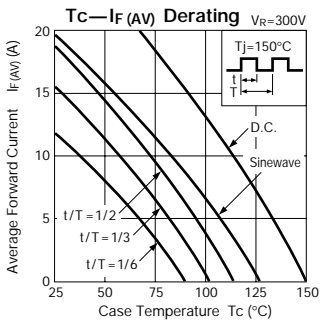
• No. 24 TO-3PF



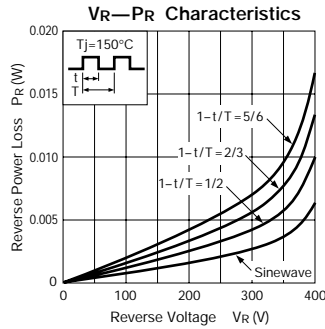
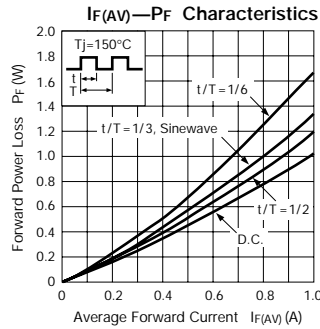
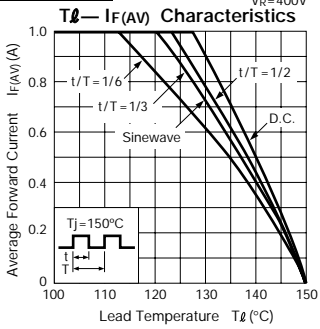
a: Part Number
b: Lot No.

Ultra-Fast-Recovery Rectifier Diodes

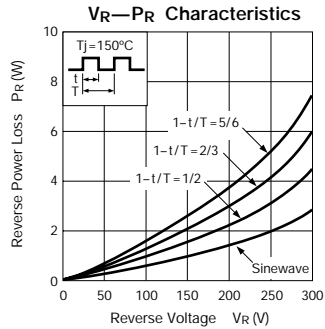
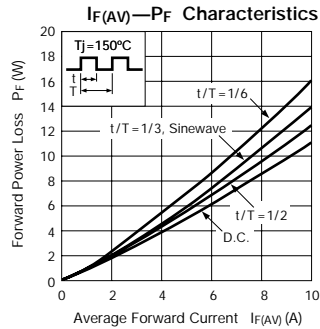
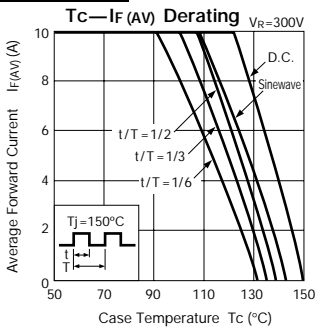
FMX-2203



SFPL-64



MPX-2103



FMW-2204

