

Schottky Barrier Diodes

30V

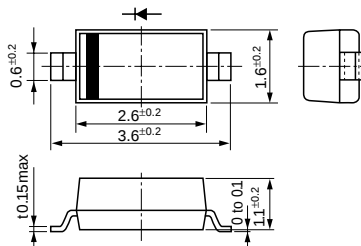
V _{RM} (V)	Package	Part Number	I _F (AV) (A)	I _{FSM} (A)	T _j (°C)	Tstg (°C)	V _F (V) max		I _R (mA)	I _R (H) (mA)	R _{th} (j-ℓ) R _{th} (j-c) (°C/W)	Mass (g)	Fig. No.	Page where characteristic curve is shown
				50Hz Half-cycle Sinewave Single Shot				V _R = V _{RM} max	V _R = V _{RM} max	T _a (°C)				
30	Surface Mount	MI1A3	1.0	12	-40 to +150	0.47	1.0	1	70	150 (T _j)	70	0.011	1	82
		MI2A3 ★	1.0	12	-40 to +125	0.39	1.0	2	110	125 (T _j)	70	0.011		
		SFPA-53	1.0	30	-40 to +125	0.36	1.0	1.5	70	100	20	0.072	2	
		SFPJ-53 ★	1.0	30	-40 to +150	0.45	1.0	1.0	35	150	20	0.072		
		SFPA-63	2.0	40	-40 to +125	0.36	2.0	3.0	140	100	20	0.072		
		SFPE-63 ★	2.0	40	-40 to +150	0.55	2.0	0.2	20	150 (T _j)	20	0.072		
		SFPJ-63	2.0	40	-40 to +150	0.45	2.0	2.0	70	150	20	0.072		
		SFPA-73	3.0	50	-40 to +125	0.36	3.0	4.5	210	100	20	0.072		
		SFPJ-73	3.0	50	-40 to +150	0.45	3.0	3.0	100	150	20	0.072		
		SPJ-G53S	5.0	100	-40 to +150	0.45	5.0	5.0	250	150	5	0.29		
	Surface Mount Center-tap	SPJ-63S	6.0	50	-40 to +150	0.45	3.0	3	100	150 (T _j)	5	0.29	3	
		Axial	AK 03	1.0	25	-40 to +150	0.55	1.0	1	50	100 (T _j)	22	0.13	4
	EA 03		1.0	30	-40 to +125	0.36	1.0	1.5	70	100	20	0.3	5	—
	EK 03		1.0	40	-40 to +150	0.55	1.0	5	50	100	20	0.3		86
	EK 13		1.5	40	-40 to +150	0.55	2.0	5	50	100	17	0.3	6	
	RK 13		1.7	60	-40 to +150	0.55	2.0	5	50	100	15	0.45	7	87
	RA 13		2.0	40	-40 to +125	0.36	2.0	3	140	100	15	0.45		—
	RK 33		2.5	50	-40 to +150	0.55	2.5	5	50	100	12	0.6	8	87
	RJ 43		3.0	50	-40 to +150	0.45	3.0	3	100	150	8	1.2	9	—
	RK 43		3.0	80	-40 to +150	0.55	3.0	5	50	100	8	1.2		88
	Center-tap	FMJ-23L	10	100	-40 to +150	0.45	5.0	5	250	150 (T _j)	4	2.1	10	93
		FMJ-2203	20	150	-40 to +150	0.47	10.0	10	350	150	4	2.1		—
		FMJ-2303	30	150	-40 to +150	0.48	15.0	15	500	150	4	2.1		

External Dimensions

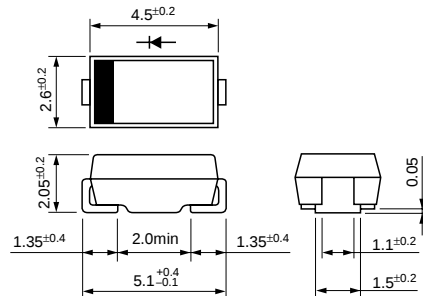
Flammability: UL94V-0 or Equivalent (Unit: mm)

*: Under development

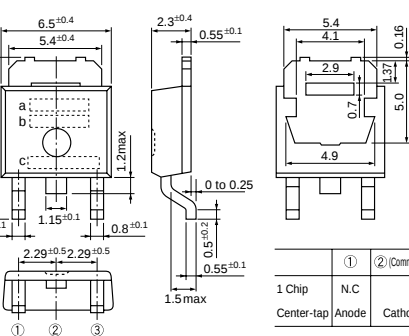
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2



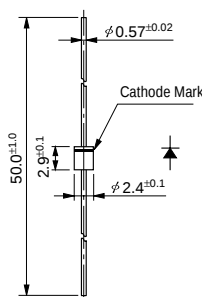
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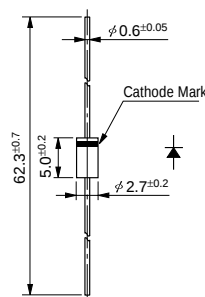
a: Part Number
b: Polarity
c: Lot No.

	①	② (Common to backside of case)	③
1 Chip	N.C	Cathode	Anode
Center-tap	Anode	Cathode (Common)	Anode

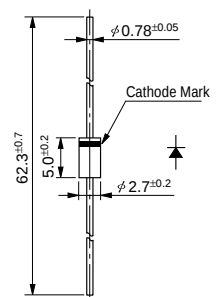
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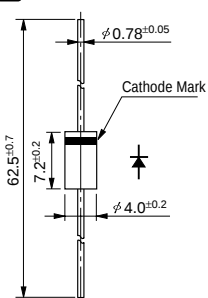
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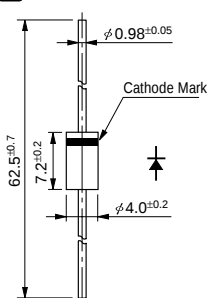
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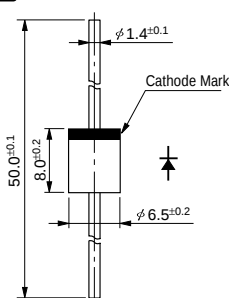
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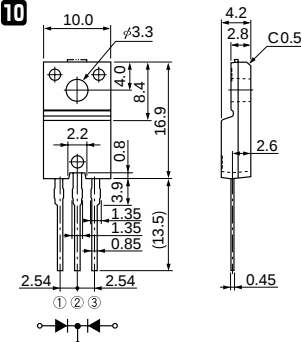
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9

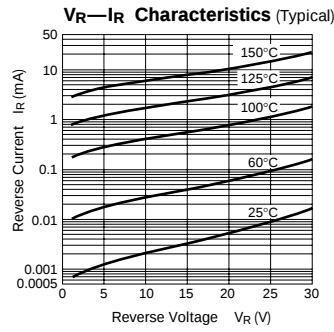
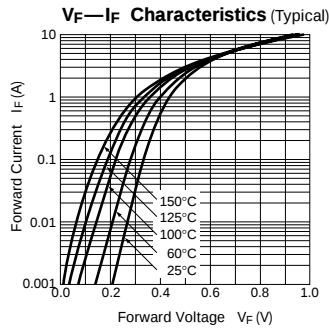
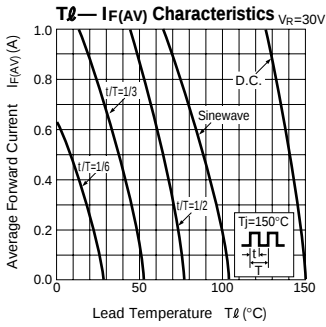


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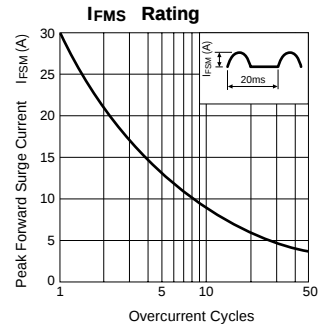
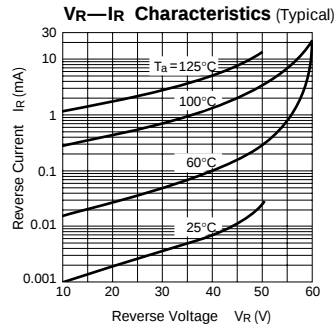
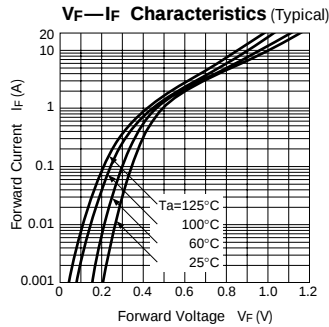
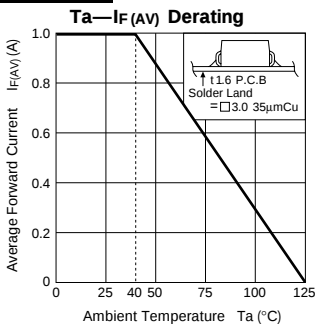


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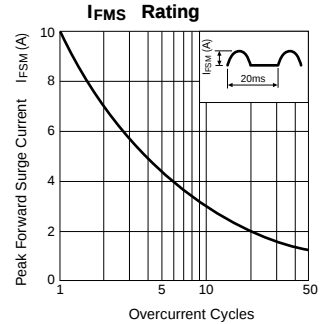
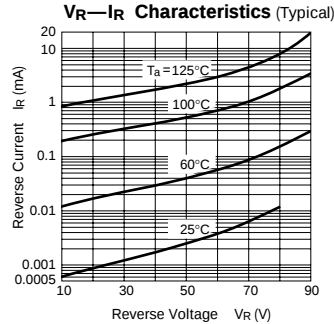
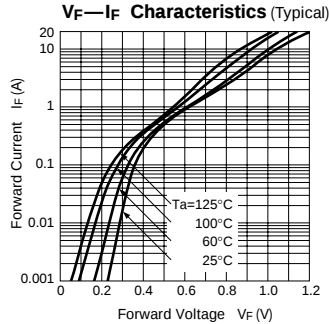
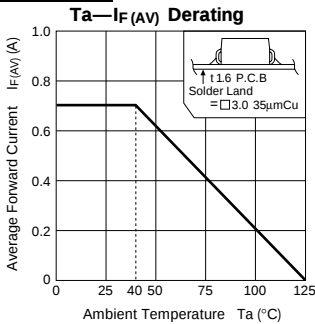
MI1A3



SFPB-54



SFPB-56



SFPB-59

