Fast-Recovery Rectifier Diodes 800V

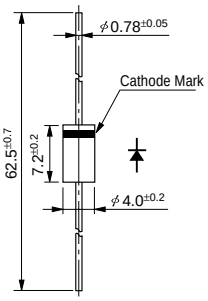
t_{rr}①: I_F/I_R (=I_F) 90% Recovery Point (ex. I_F/I_R =100mA/100mA 90% Recovery Point)
t_{rr}②: I_F/I_R (=2 I_F) 75% Recovery Point (ex. I_F/I_R =100mA/200mA 75% Recovery Point)

V_{RM} (V)	Package	Part Number	$I_{F(AV)}$ (A) ( ) is with Heatsink	I_{FSM} (A) 50Hz Half-cycle Sinewave Single Shot	Tj (°C)	Tstg (°C)	V_F (V) max	I_F (A)	I_R (μA) $V_R=V_{RM}$ max	I_R (H) (μA) $V_R=V_{RM}$ max	Ta (°C)	t_{rr}① (μs)	I_F/I_{FP} (mA)	t_{rr}② (μs)	I_F/I_{FP} (mA)	Rth (j-ℓ) (°C/W)	Mass (g)	Fig. No.	Page where characteristic curve is shown
800	Axial	RU 1B	0.25	15	–40 to +150		2.5	0.25	10	200	100	0.4	10/10	0.18	10/20	15	0.4		57
		RF 1B	0.6	15	–40 to +150		2.0	0.6	10	200	100	0.4	10/10	0.18	10/20	15	0.4		
		RH 1B	0.6	35	–40 to +150		1.3	0.6	5	70	150	4	10/10	1.3	10/20	15	0.4	1	56
		RS 1B	0.7	30	–40 to +150		2.5	0.8	10	200	100	1.5	10/10	0.6	10/20	20	0.4		
		RU 2B	1.0	20	–40 to +150		1.5	1.0	10	300	100	0.4	10/10	0.18	10/20	15	0.4		57
		RU 3B	1.1	20	–40 to +150		1.5	1.0	10	400	100	0.4	10/10	0.18	10/20	12	0.6	2	58
		RU 4B	1.5 (3.0)	50	–40 to +150		1.6	3.0	10	500	100	0.4	10/10	0.18	10/20	8	1.2	3	59

■ External Dimensions

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

1



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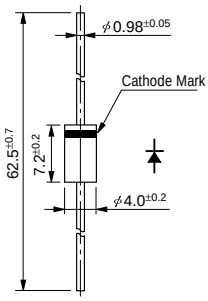

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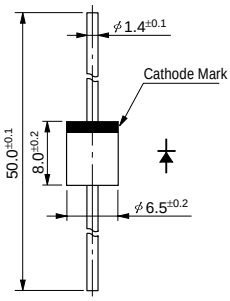
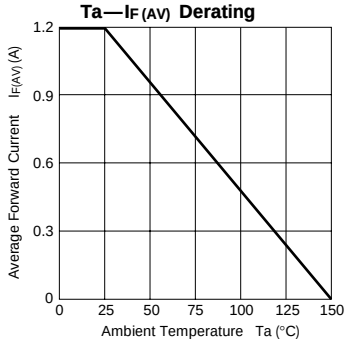


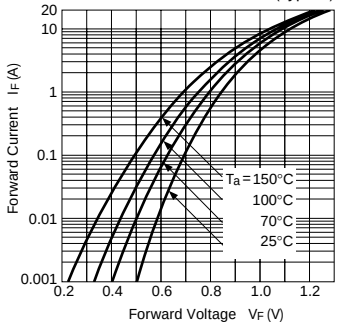
Fast-Recovery Rectifier Diodes

EU 2YX

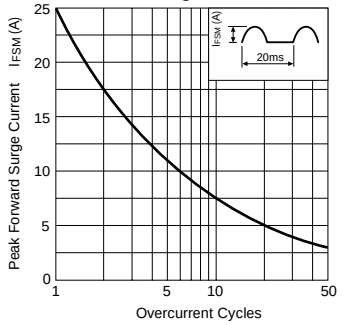
Ta—$I_{F(AV)}$ Derating



V_F—I_F Characteristics (Typical)

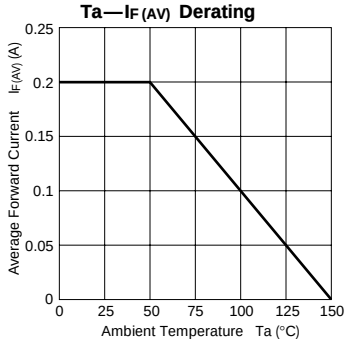


I_{FMS} Rating

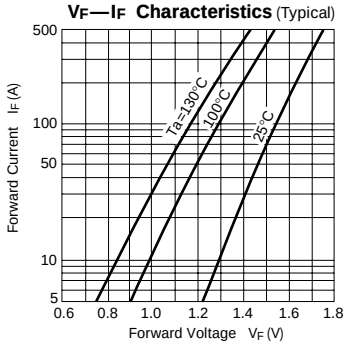


RC 2

Ta—$I_{F(AV)}$ Derating



V_F—I_F Characteristics (Typical)



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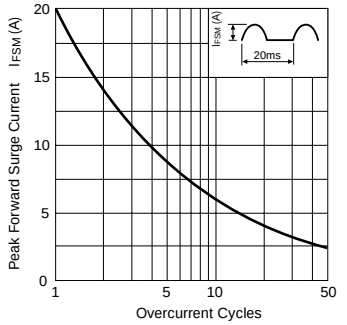
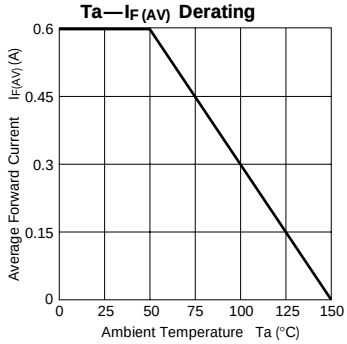
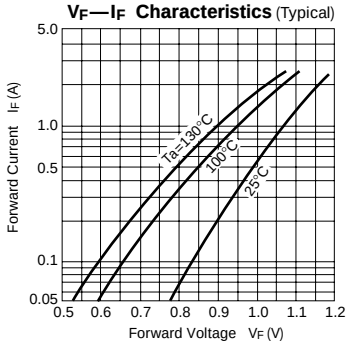


RF 1 series

Ta—$I_{F(AV)}$ Derating



V_F—I_F Characteristics (Typical)



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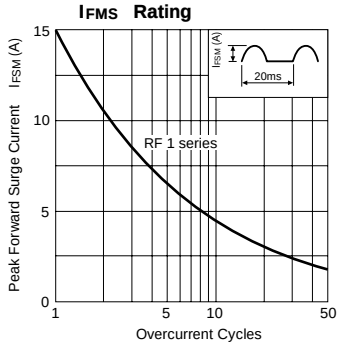

RH 1 series

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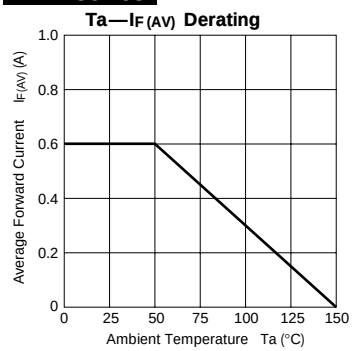
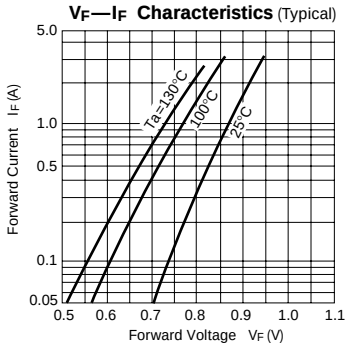


V_F—I_F Characteristics (Typical)



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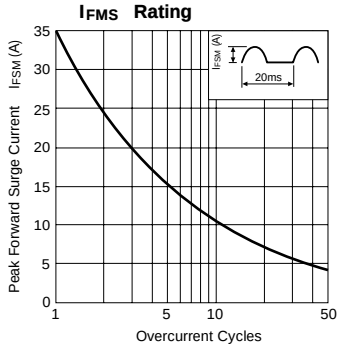

RS 1 series

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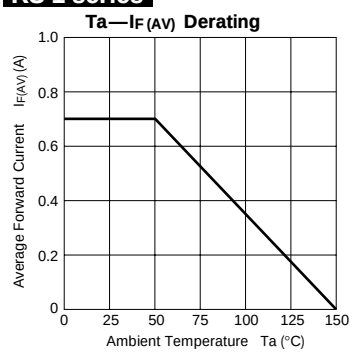
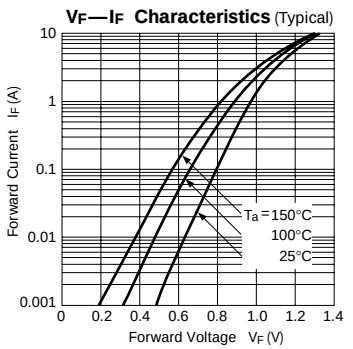


V_F—I_F Characteristics (Typical)



I_{FMS} Rating