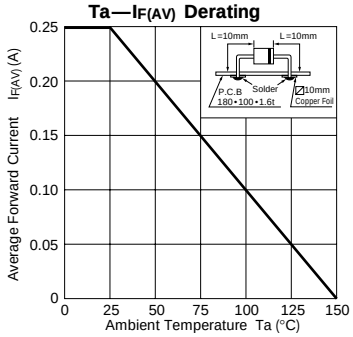
Fast-Recovery Rectifier Diodes

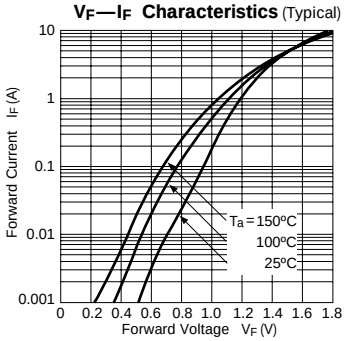
Type No. \ Parameter	Absolute Maximum Ratings					Electrical Characteristics (Ta=25°C)									Others	
	V_{RM} (V)	$I_{F(AV)}$ (A)	I_{FSM} (A) 50Hz Half-cycle Sinewave Single Shot	Tj (°C)	Tstg (°C)	V_F (V) max	V_F (V) I_F (A)	I_R (μA) $V_R=V_{RM}$ max	I_R (H) (μA) $V_R=V_{RM}$ Ta=100°C max	t_{rr}① (μs)	I_F/I_{RP} (mA)	t_{rr}② (μs)	I_F/I_{RP} (mA)	Rth (j-ℓ) (°C/W)	Mass (g)	Fig.
EU01Z	200	0.25	15	–40 to +150		2.5	0.25	10	150	0.4	10/10	0.18	10/20	20	0.2	Ⓐ
EU01	400															
EU01A	600															
EU02Z	200	1.0	15			1.4	1.0	10	300	0.4	10/10	0.18	10/20	20	0.2	
EU02	400															
EU02A	600															
EU 1Z	200	0.25	15			2.5	0.25	10	150	0.4	10/10	0.18	10/20	17	0.3	Ⓑ
EU 1	400															
EU 1A	600															

EU01 series

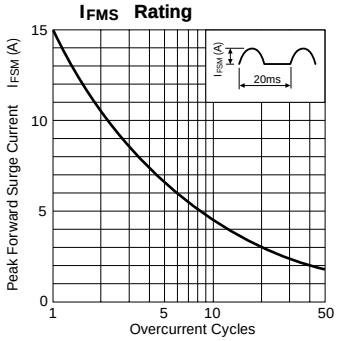
Ta—$I_{F(AV)}$ Derating



V_F—I_F Characteristics (Typical)

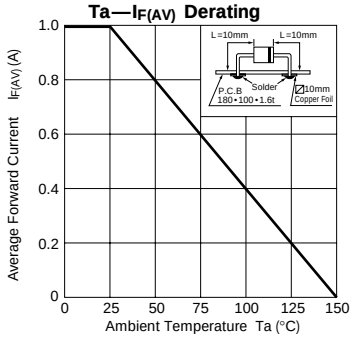


I_{FMS} Rating

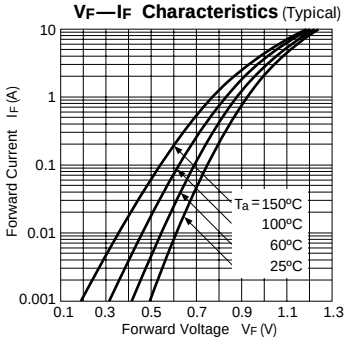


EU02 series

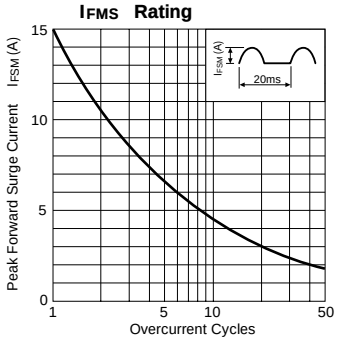
Ta—$I_{F(AV)}$ Derating



V_F—I_F Characteristics (Typical)

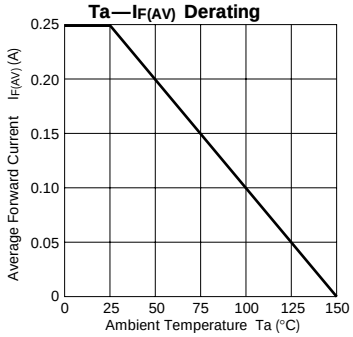


I_{FMS} Rating

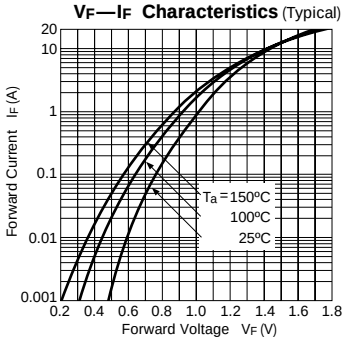


EU 1 series

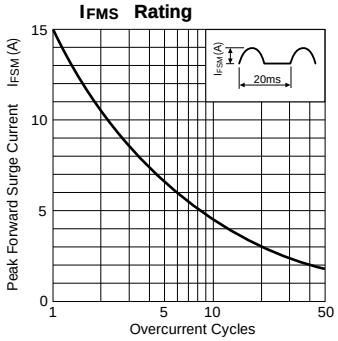
Ta—$I_{F(AV)}$ Derating



V_F—I_F Characteristics (Typical)



I_{FMS} Rating



External Dimensions
(Unit: mm)

Flammability:
UL94V-0 or Equivalent

Fig.Ⓐ

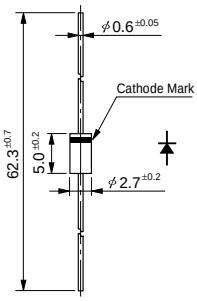


Fig.Ⓑ

