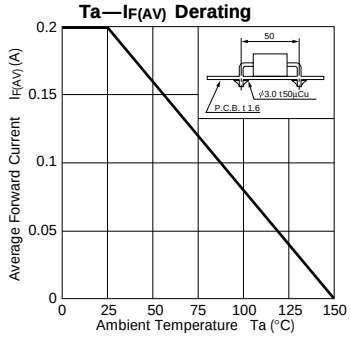
Fast-Recovery Rectifier Diodes

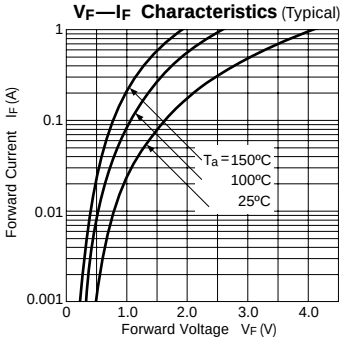
Type No. \ Parameter	Absolute Maximum Ratings					Electrical Characteristics (Ta=25°C)								Others		
	V_{RM} (V)	$I_{F(AV)}$ (A)	I_{FSM} (A) 50Hz Half-cycle Sinewave Single Shot	Tj (°C)	Tstg (°C)	V_F (V) max	V_F (V) I_F (A)	I_R (μA) $V_R=V_{RM}$ max	I_R (H) (μA) $V_R=V_{RM}$ Ta=100°C max	t_{rr}① (ns)	I_F/I_{RP} (mA)	t_{rr}② (ns)	I_F/I_{RP} (mA)	Rth (j-ℓ) (°C/W)	Mass (g)	Fig.
AP01C	1000	0.2	5	–40 to +150		4.0	0.2	100	500	200	100/100	80	100/200	22.0	0.13	Ⓐ
EP01C	1000							5	50					20.0	0.2	Ⓑ

AP01C

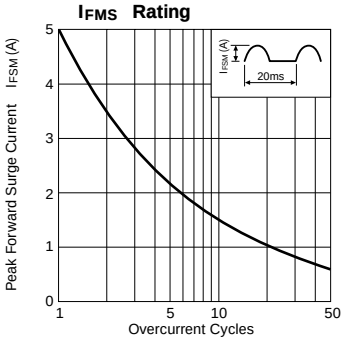
Ta—$I_{F(AV)}$ Derating



V_F—I_F Characteristics (Typical)

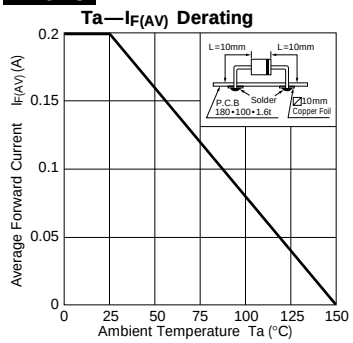


I_{FMS} Rating

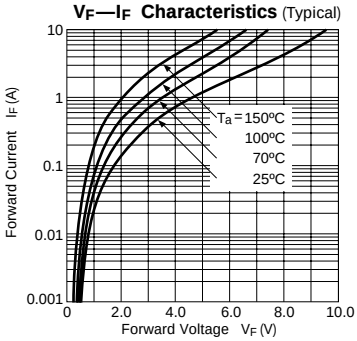


EP01C

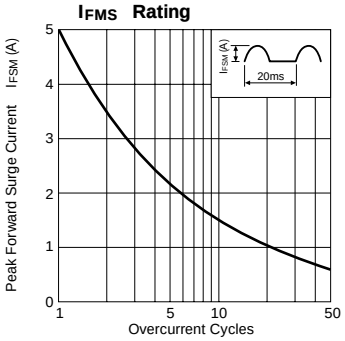
Ta—$I_{F(AV)}$ Derating



V_F—I_F Characteristics (Typical)



I_{FMS} Rating



External Dimensions
(Unit: mm)

Flammability:
UL94V-0 or Equivalent

Fig.Ⓐ

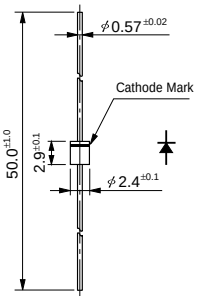


Fig.Ⓑ

