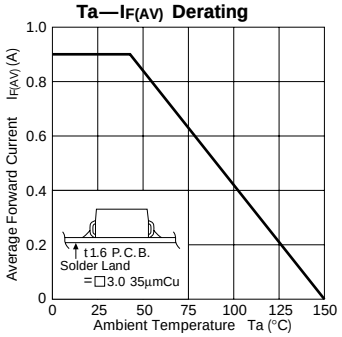
Ultra-Fast-Recovery Rectifier Diodes (Surface Mount)

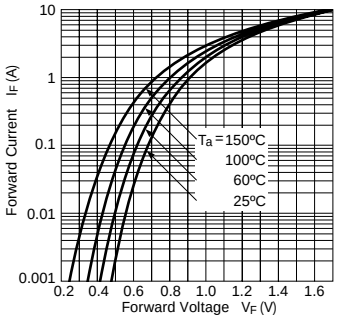
Type No. \ Parameter	Absolute Maximum Ratings					Electrical Characteristics (Ta=25°C)									Others	
	V_{RM} (V)	$I_{F(AV)}$ (A)	I_{FSM} (A) 50Hz Half-cycle Sinewave Single Shot	Tj (°C)	Tstg (°C)	V_F (V) max	V_F (V) I_F (A)	I_R (μA) $V_R=V_{RM}$ max	I_R (H) (mA) $V_R=V_{RM}$ Tj=150°C	t_{rr}① (ns)	I_F/I_{RP} (mA)	t_{rr}② (ns)	I_F/I_{RP} (mA)	Rth (j-ℓ) (°C/W)	Mass (g)	Fig.
SFPL-52	200	0.9	25	–40 to +150		0.98	1.0	10	1.0	50	100/100	35	100/200	20	0.072	Ⓐ
SFPL-62	200	1.0														

SFPL-52

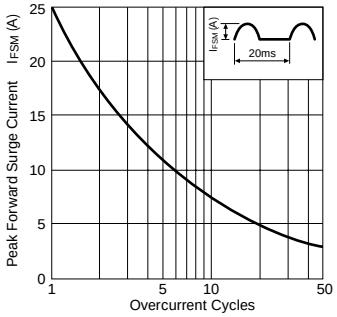
Ta—$I_{F(AV)}$ Derating



V_F—I_F Characteristics (Typical)

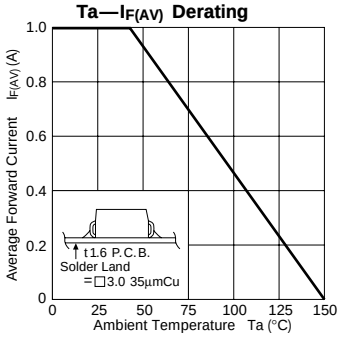


I_{FMS} Rating

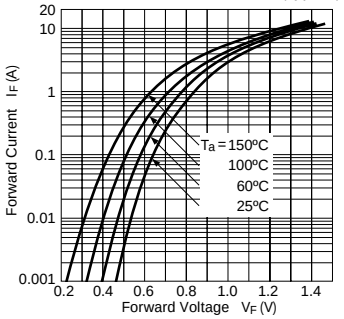


SFPL-62

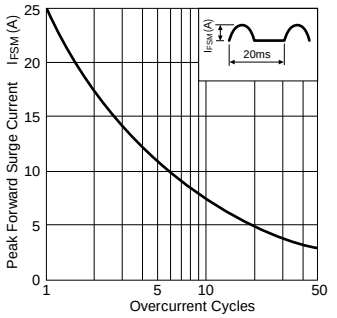
Ta—$I_{F(AV)}$ Derating



V_F—I_F Characteristics (Typical)



I_{FMS} Rating



External Dimensions
(Unit: mm)

Flammability:
UL94V-0 or Equivalent

Fig. Ⓐ

