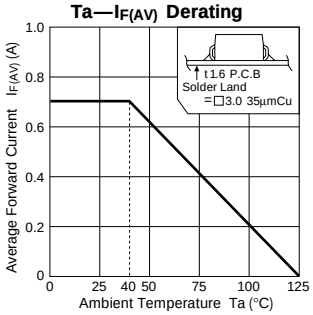
Schottky Barrier Diodes (Surface Mount) 60V, 90V

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 I_F (A)	I_R (mA) $V_R=V_{RM}$ max	I_R (H) (mA) $V_R=V_{RM}$ Ta=100°C max	trr (ns)	I_F/I_{RP} (mA)	Rth (j-ℓ) (°C/W)	Mass (g)	Fig.
SFPB-56	60	0.7	10	–40 to +150		0.62	0.7	1.00	7.5	100	100/100	20.0	0.072	Ⓐ
SFPB-66		2.0	25			0.69	2.0	1.0	15					
SFPB-76		2.0	40			0.62	2.0	2.00	20					
SFPB-59	90	0.7	10			0.81	0.7	1.00	5					
SFPB-69 ✶		1.5	40				1.5	2.0	10					

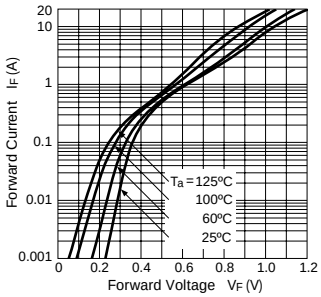
✶ Under development

SFPB-56

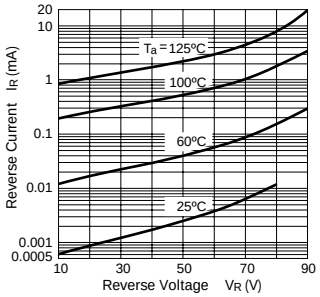
Ta—$I_{F(AV)}$ Derating



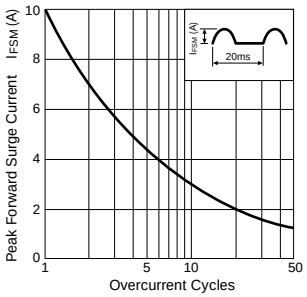
V_F—I_F Characteristics (Typical)



V_R—I_R Characteristics (Typical)

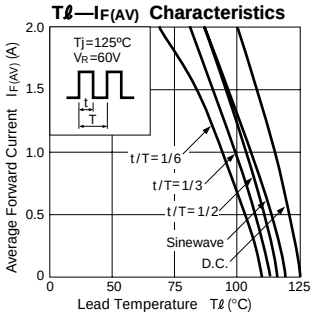


I_{FMS} Rating

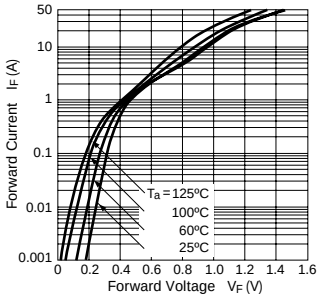


SFPB-66

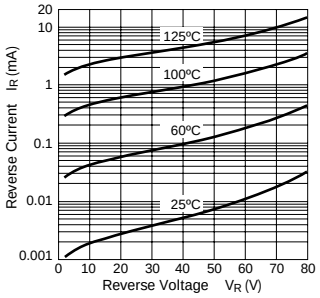
Tℓ—$I_{F(AV)}$ Characteristics



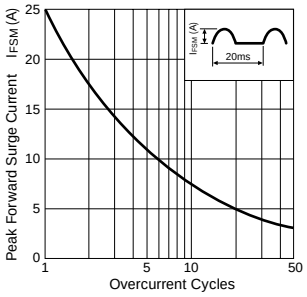
V_F—I_F Characteristics (Typical)



V_R—I_R Characteristics (Typical)

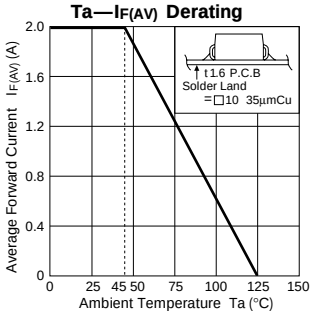


I_{FMS} Rating

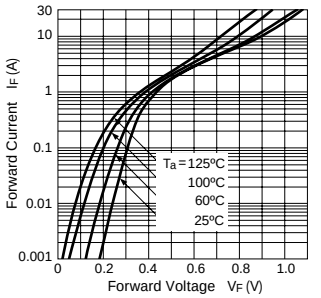


SFPB-76

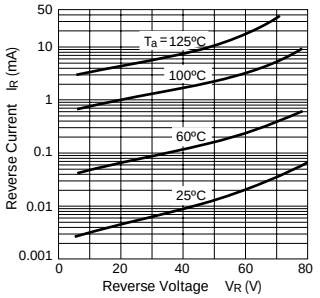
Ta—$I_{F(AV)}$ Derating



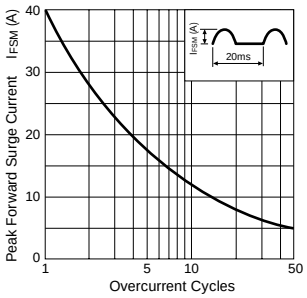
V_F—I_F Characteristics (Typical)



V_R—I_R Characteristics (Typical)



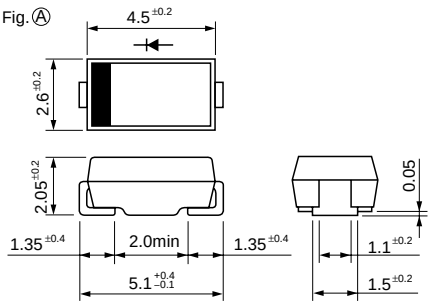
I_{FMS} Rating



External Dimensions
(Unit: mm)

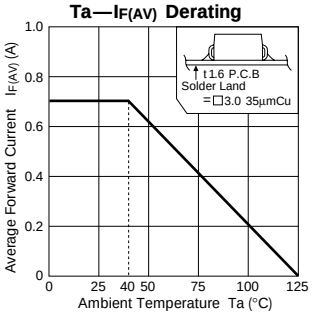
Flammability:
UL94V-0 or Equivalent

Fig.Ⓐ

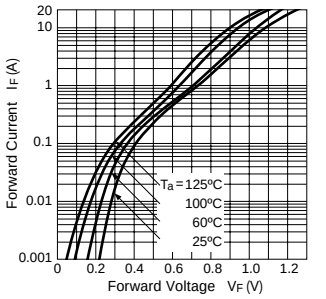


SFPB-59

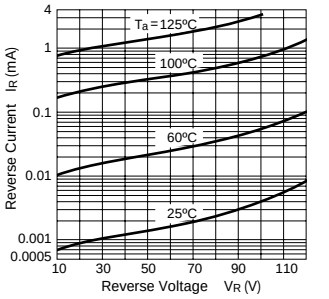
Ta—$I_{F(AV)}$ Derating



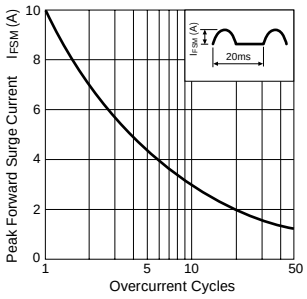
V_F—I_F Characteristics (Typical)



V_R—I_R Characteristics (Typical)

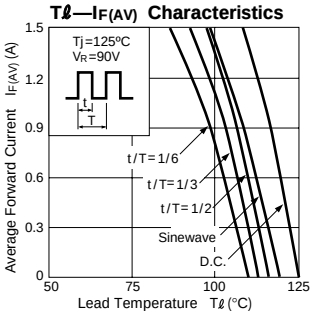


I_{FMS} Rating

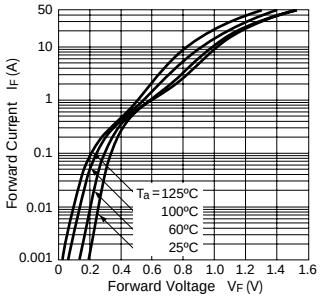


SFPB-69

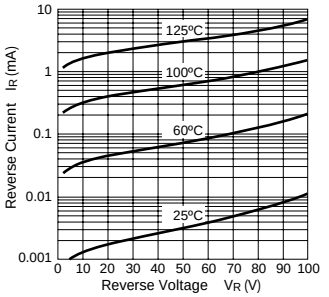
Tℓ—$I_{F(AV)}$ Characteristics



V_F—I_F Characteristics (Typical)



V_R—I_R Characteristics (Typical)



I_{FMS} Rating

