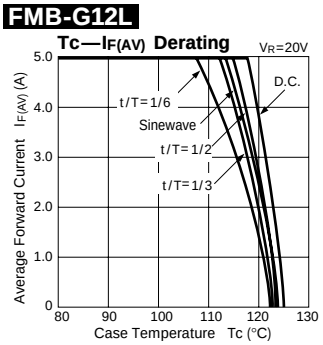
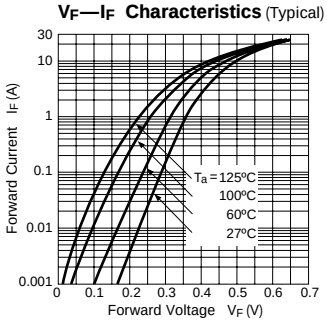
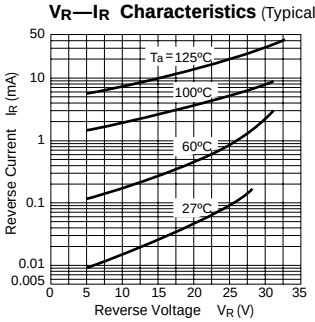
Schottky Barrier Diodes 20V

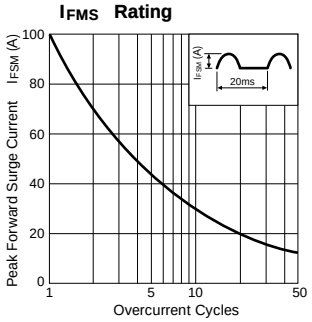
Type No. \ Parameter	Absolute Maximum Ratings					Electrical Characteristics (Ta=25°C)							Others			
	V_{RM} (V)	$I_{F(AV)}$ (A) With Heatsink	I_{FSM} (A) 50Hz Half-cycle Sinewave Single Shot	Tj (°C)	Tstg (°C)	V_F (V) max per element	V_F (V) I_F (A)	I_R (mA) $V_R=V_{RM}$ max per element	I_R (H) (mA) $V_R=V_{RM}$, Ta=100°C max per element	trr (ns)	trr (ns) I_F/I_{RP} (mA)	Rth (j-c) (°C/W)	Mass (g)	Remarks	Fig.
FMB-G12L	20	5.0	100	–40 to +150		0.47	5.0	2.0	35	100	500/500	4.0	2.1	1 Chip	Ⓐ
FMB-G22H		10.0	200				10.0	5.0	65						
FMB-22L			100				5.0	2.0	35					Center-tap	Ⓑ
FMB-22H		15.0	150				7.5	3.0	50						
FMB-32		20.0	200				10.0	5.0	65			2.0	5.5		Ⓒ
FMB-32M		30.0	300				10.0	10.0	100						

FMB-G12L

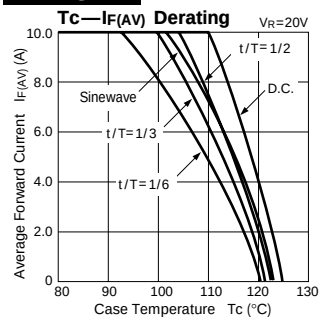


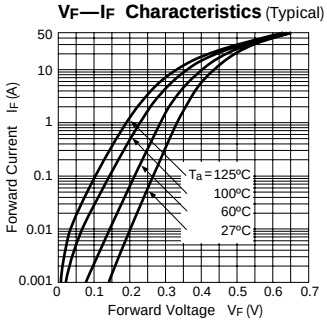


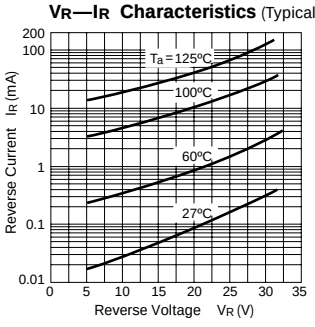


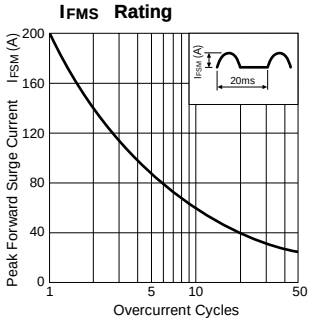


FMB-G22H

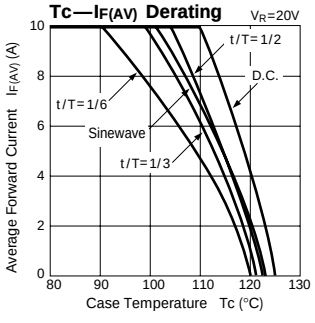


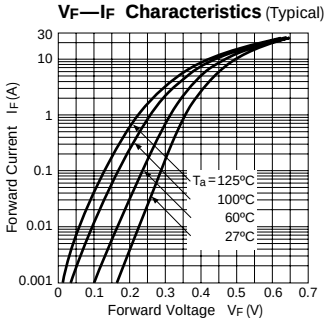


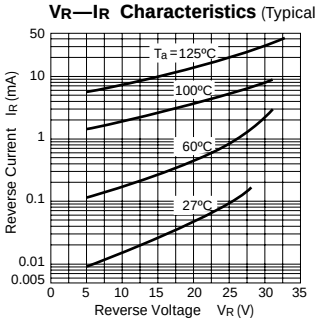


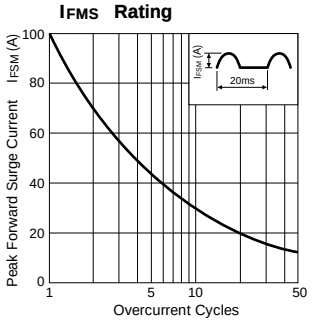


FMB-22L









External Dimensions
(Unit: mm)

Flammability:
UL94V-0 or Equivalent

Fig.Ⓐ

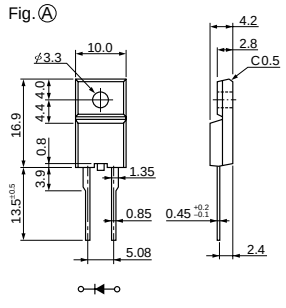


Fig.Ⓑ

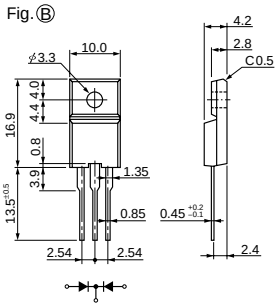
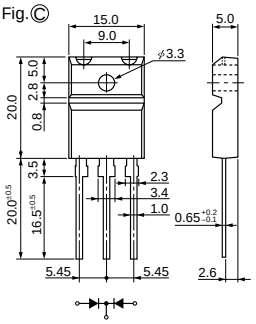
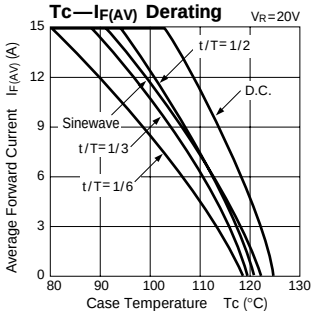


Fig.Ⓒ

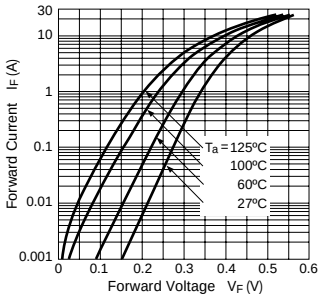


FMB-22H

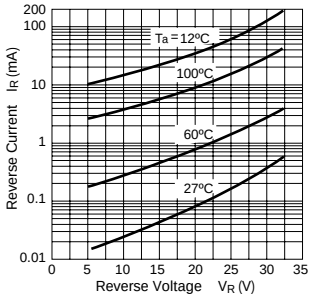
Tc—$I_{F(AV)}$ Derating V_R=20V



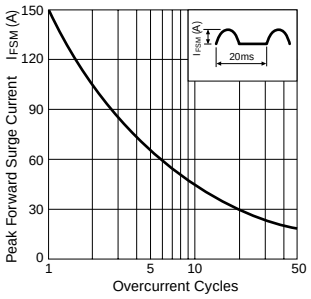
V_F—I_F Characteristics (Typical)



V_R—I_R Characteristics (Typical)

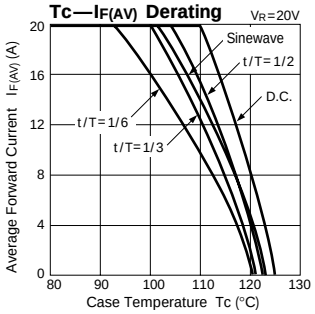


I_{FMS} Rating

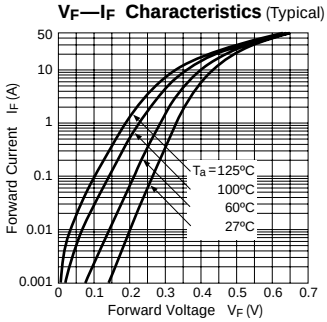


FMB-32

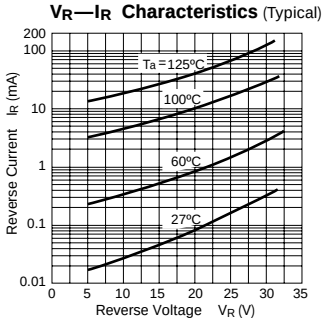
Tc—$I_{F(AV)}$ Derating V_R=20V



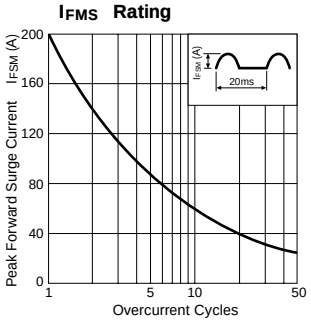
V_F—I_F Characteristics (Typical)



V_R—I_R Characteristics (Typical)

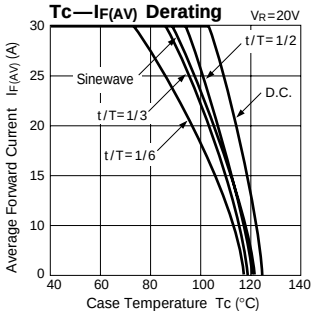


I_{FMS} Rating

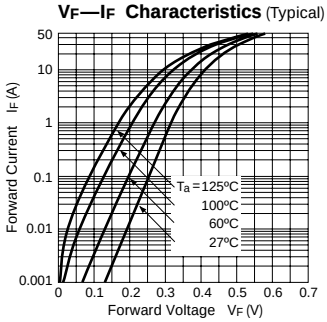


FMB-32M

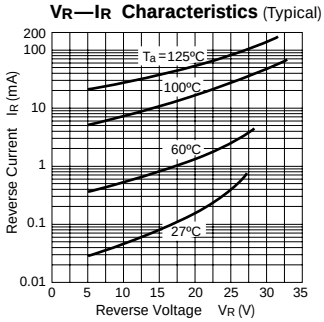
Tc—$I_{F(AV)}$ Derating V_R=20V



V_F—I_F Characteristics (Typical)



V_R—I_R Characteristics (Typical)



I_{FMS} Rating

