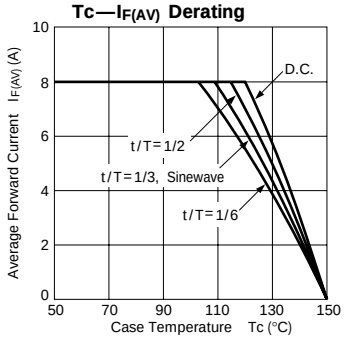
Ultra-Fast-Recovery Rectifier Diodes

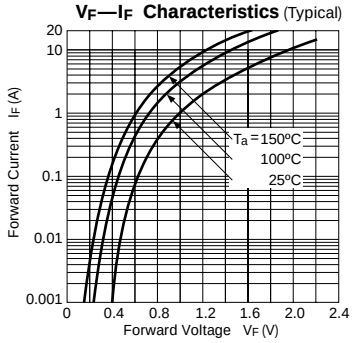
Type No. \ Parameter	Absolute Maximum Ratings					Electrical Characteristics (Ta=25°C)								Others	
	V_{RM} (V)	$I_{F(AV)}$ (A) With Heatsink	I_{FSM} (A) 50Hz Half-cycle Sinewave Single Shot	Tj (°C)	Tstg (°C)	V_F (V)	I_F (A)	I_R (μA) $V_R=V_{RM}$ max	I_R (H) (μA) $V_R=V_{RM}$, Ta=100°C max	t_{rr}① (ns)	I_F/I_{RP} (mA)	t_{rr}② (ns)	I_F/I_{RP} (mA)	Rth (j-c) (°C/W)	Mass (g)	Fig.
FMG-G36S	600	8.0	80	–40 to +150		2.50	8.0	0.5	3.0	100	500/500	50	500/1000	2.0	5.5	Ⓐ
FMG-G3CS	1000	5.0	60			3.50	5.0	0.1	0.5	150		70				

FMG-G36S

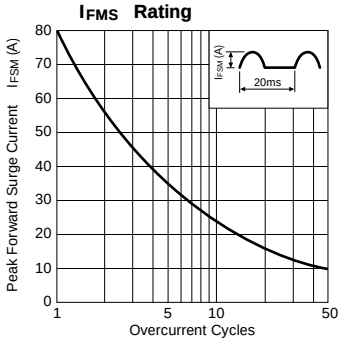
Tc—$I_{F(AV)}$ Derating



V_F—I_F Characteristics (Typical)

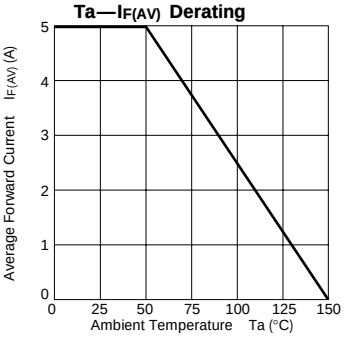


I_{FMS} Rating

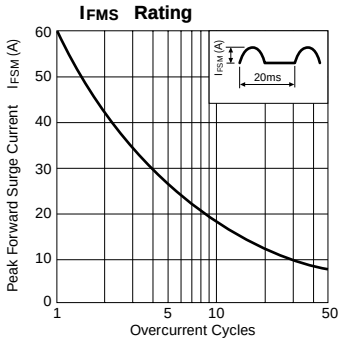


FMG-G3CS

Ta—$I_{F(AV)}$ Derating



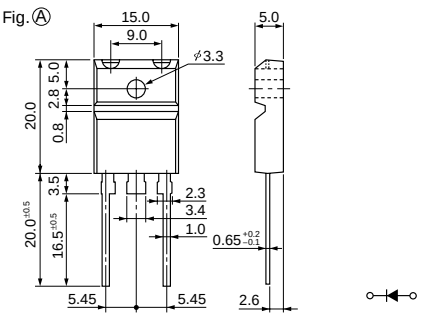
I_{FMS} Rating



External Dimensions
(Unit: mm) (Full-mold)

Flammability:
UL94V-0 or Equivalent

Fig.Ⓐ



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