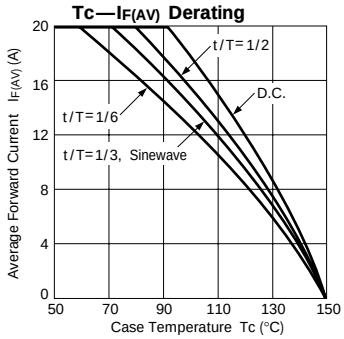
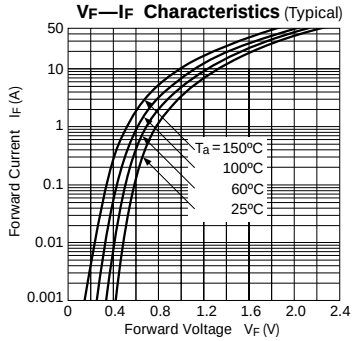
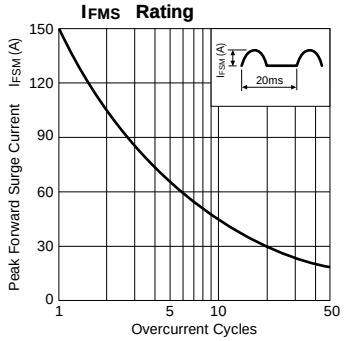
Ultra-Fast-Recovery Rectifier Diodes

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) max per element	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	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-32S/R	200	20.0	150	–40 to +150		1.80	10.0	1.0	5.0	100	100/100	50	100/200	2.0	5.5	Ⓐ
FMG-33S/R	300															
FMG-34S/R	400	16.0	100			2.00										
FMG-36S/R	600	15.0	80			2.20	7.5									

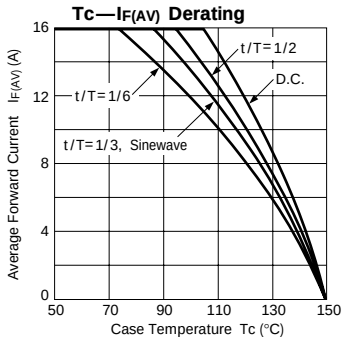
FMG-32S/R, 33S/R

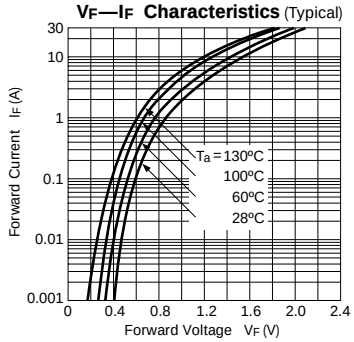


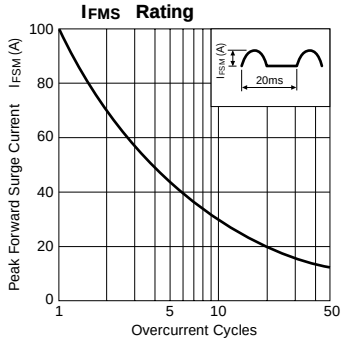




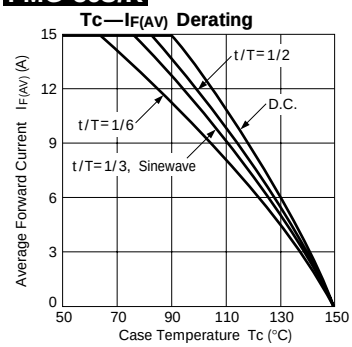
FMG-34S/R

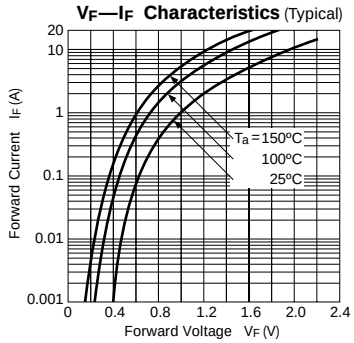


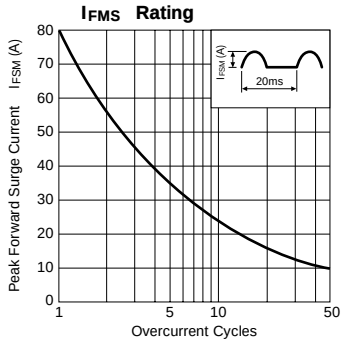




FMG-36S/R







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

Flammability:
UL94V-0 or Equivalent

Fig.Ⓐ

