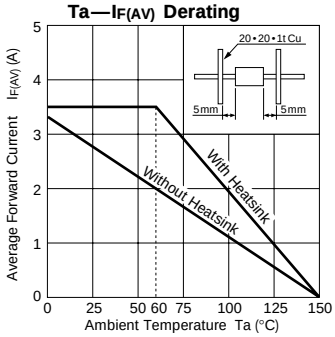
Ultra-Fast-Recovery Rectifier Diodes

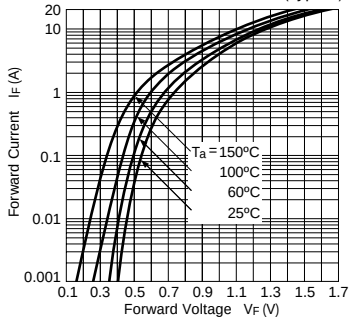
Type No. \ Parameter	Absolute Maximum Ratings					Electrical Characteristics (Ta=25°C)									Others	
	V_{RM} (V)	$I_{F(AV)}$ (A) ( ) is with Heatsink	I_{FSM} (A) 50Hz Half-cycle Sinewave Single Shot	Tj (°C)	Tstg (°C)	V_F (V) max	V_F (V) I_F (A)	I_R (mA) $V_R=V_{RM}$ max	I_R (H) (mA) $V_R=V_{RM}$ Ta=100°C max	t_{rr}① (ns)	t_{rr}① (ns) I_F/I_{RP} (mA)	t_{rr}② (ns)	t_{rr}② (ns) I_F/I_{RP} (mA)	Rth (j-ℓ) (°C/W)	Mass (g)	Fig.
RG 4Y	70	2.0 (3.5)	100	–40 to +150		1.3	3.5	1.0	5.0	100	100/100	50	100/200	8	1.2	Ⓐ
RG 4Z	200	1.0 (3.0)	80			1.7	3.0									
RG 4	400					1.8										
RG 4A	600	1.0 (2.0)	50			2.0	2.0	0.5	2.5							
RG 4C	1000		60			3.0					500/500		500/1000			

RG 4Y

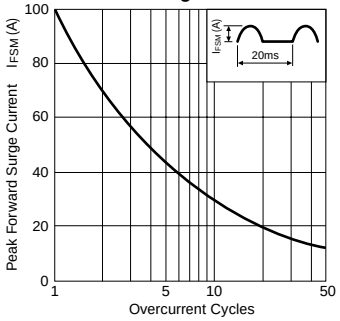
Ta—$I_{F(AV)}$ Derating



V_F—I_F Characteristics (Typical)

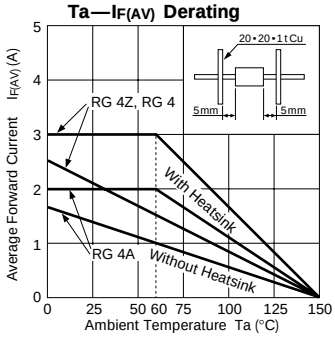


I_{FMS} Rating

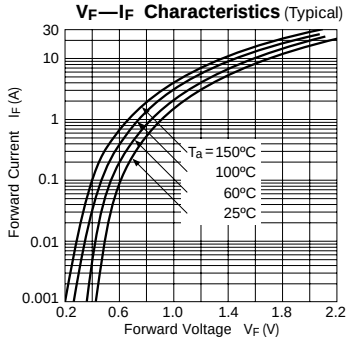


RG 4Z, RG 4, RG 4A

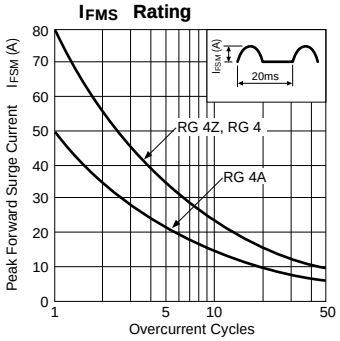
Ta—$I_{F(AV)}$ Derating



V_F—I_F Characteristics (Typical)

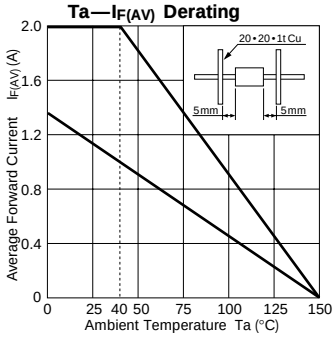


I_{FMS} Rating

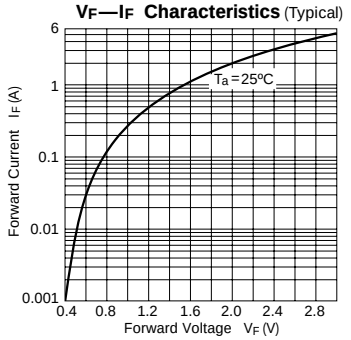


RG 4C

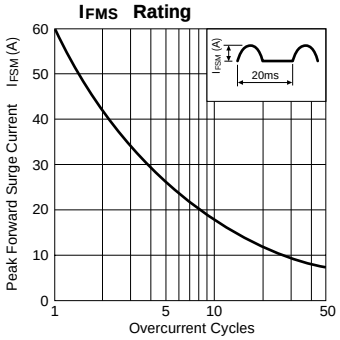
Ta—$I_{F(AV)}$ Derating



V_F—I_F Characteristics (Typical)



I_{FMS} Rating



External Dimensions Fig.Ⓐ
(Unit: mm)

Flammability:
UL94V-0 or Equivalent

