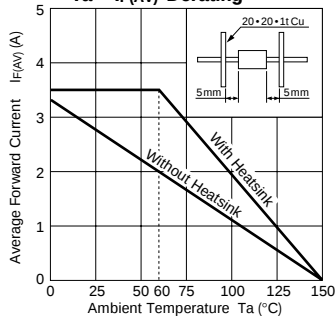


Ultra-Fast-Recovery Rectifier Diodes

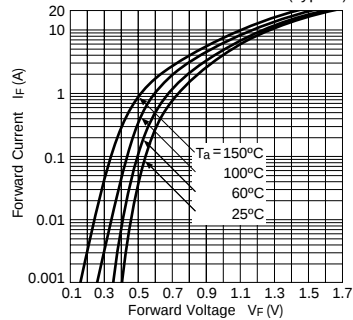
Parameter Type No.	Absolute Maximum Ratings					Electrical Characteristics (Ta=25°C)										Others	
	V _{RM} (V)	I _{F(AV)} (A) () is with Heatsink 50Hz Half-cycle Sinewave Single Shot	I _{FSM} (A)	T _J (°C)	T _{stg} (°C)	V _F (V)		I _R (mA)	I _R (H) (mA)	V _R =V _{RM} Ta=100°C max	t _{rr} ① (ns)		t _{rr} ② (ns)		R _{th} (j-ℓ) (°C/W)	Mass (g)	Fig.
						max	I _F (A)					I _F /I _{RP} (mA)		I _F /I _{RP} (mA)			
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		0.5	2.5									
RG 4A	600	1.0 (2.0)	50		2.0	2.0											
RG 4C	1000				3.0												

RG 4Y

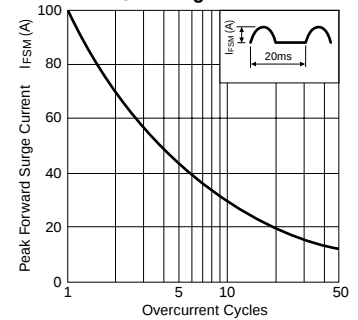
Ta—I_{F(AV)} Derating



V_F—I_F Characteristics (Typical)

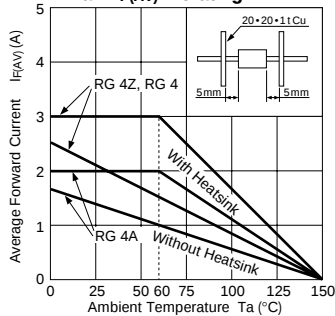


I_{FMS} Rating

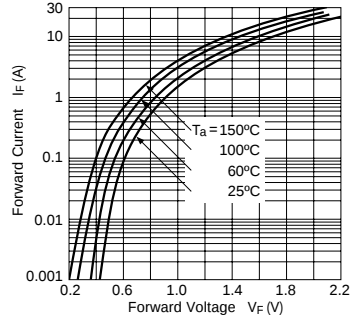


RG 4Z, RG 4, RG 4A

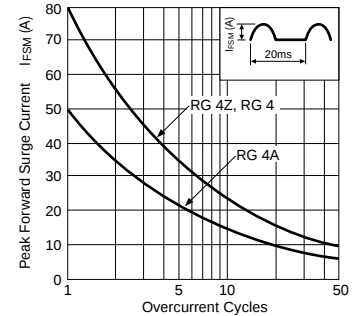
Ta—I_{F(AV)} Derating



V_F—I_F Characteristics (Typical)

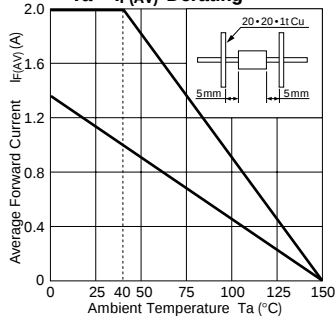


I_{FMS} Rating

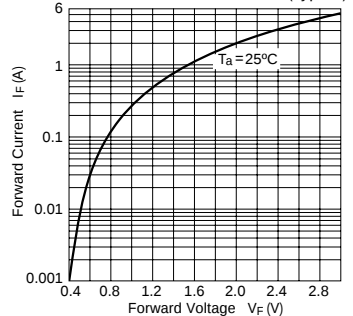


RG 4C

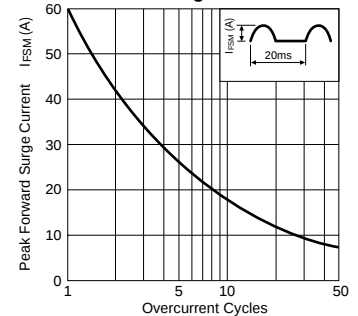
Ta—I_{F(AV)} Derating



V_F—I_F Characteristics (Typical)



I_{FMS} Rating



External Dimensions

(Unit: mm)

Flammability:
UL94V-0 or Equivalent

