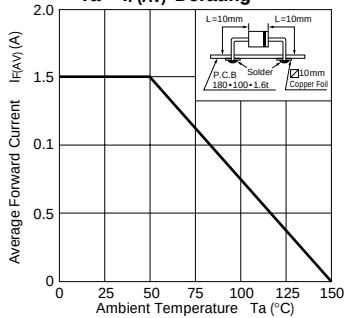


Fast-Recovery Rectifier Diodes

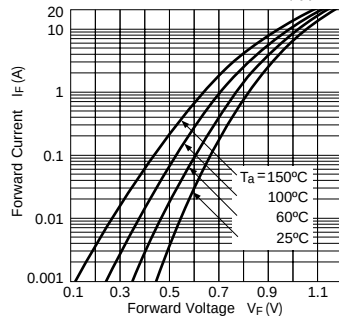
Parameter Type No.	Absolute Maximum Ratings					Electrical Characteristics (Ta=25°C)										Others	
	VRM (V)	IF(AV) (A) () is with Heatsink	IFSM (A) 50Hz Half-cycle Sinewave Single Shot	Tj (°C)	Tstg (°C)	VF (V)		IR (μA) VR=VRM max	IR (H) (μA) VR=VRM Ta=100°C max	trr① (μs)		trr② (μs)		Rth (j-ℓ) (°C/W)	Mass (g)	Fig.	
						max	IF (A)				IF/IRP (mA)		IF/IRP (mA)				
RU 3M	400	1.5	50	-40 to +150		1.1	1.5	10	350	0.4	10/10	0.18	10/20	12	0.6	Ⓐ	
RU 3AM	600																
RU 3YX	100	2.0	50			0.95	2.0	10	300	0.2	10/10	0.08	10/20	12	0.6		
RU 30Z	200	1.5 (3.5)	80			0.97	3.5	10	300	0.4	10/10	0.18	10/20	10	1.0	Ⓑ	
RU 30	400	2.0	200			0.95	2.0				100/100		100/200				
RU 30A	600																

RU 3M, 3AM

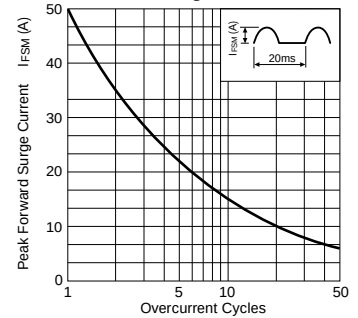
Ta—IF(AV) Derating



VF—IF Characteristics (Typical)

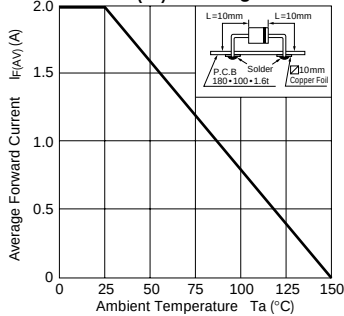


IFSM Rating

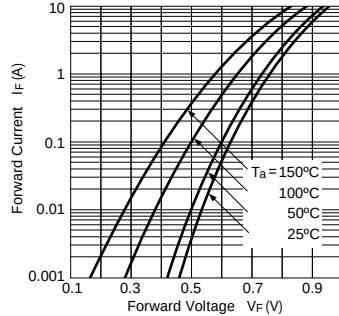


RU 3YX

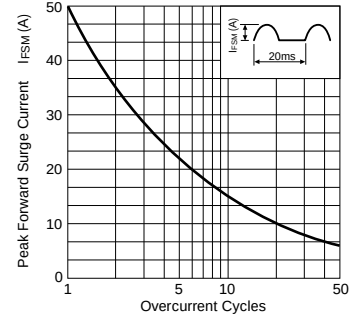
Ta—IF(AV) Derating



VF—IF Characteristics (Typical)

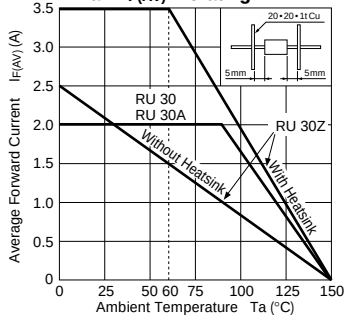


IFSM Rating

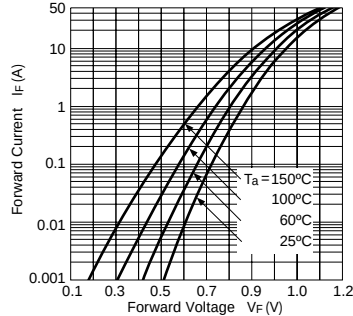


RU 30 series

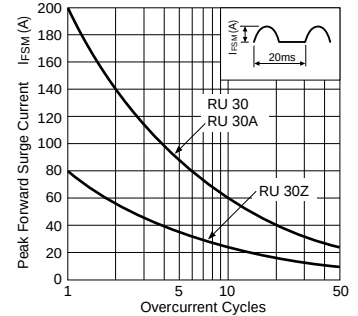
Ta—IF(AV) Derating



VF—IF Characteristics (Typical)



IFSM Rating



External Dimensions

(Unit: mm)

Flammability:
UL94V-0 or Equivalent

