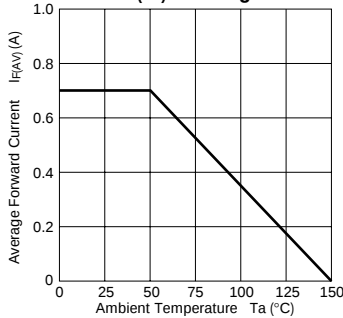


Fast-Recovery Rectifier Diodes

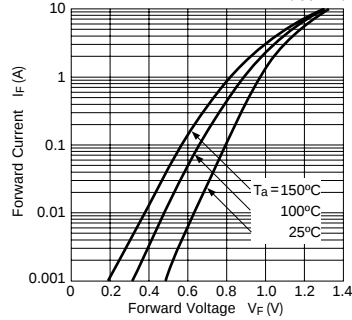
Parameter Type No.		Absolute Maximum Ratings					Electrical Characteristics (Ta=25°C)								Others		
		VRM (V)	IF (AV) (A)	IFSM (A)	Tj (°C)	Tstg (°C)	VF (V)		IR (μA)	IR (H) (μA)	trr① (μs)		trr② (μs)		Rth (j-ℓ)	Mass	Fig.
				50Hz Half-cycle Sinewave Single Shot			max	IF (A)	VR=VRM max	VR=VRM Ta=100°C max		IF/IRP (mA)		IF/IRP (mA)	(°C/W)	(g)	
RS 1A		600	0.7	30	-40 to +150	2.5	0.8	10	200	1.5	10/10	0.6	10/20	20	0.4	Ⓐ	
RS 1B		800															
AU01Z		200	0.5	15		1.7	0.5	10	150	0.4	10/10	0.18	10/20	22	0.13	Ⓑ	
AU01		400															
AU01A		600															
AU02Z		200	0.8	25		1.3	0.8	10	250	0.4	10/10	0.18	10/20	22	0.13		
AU02		400															
AU02A		600															

RS 1 series

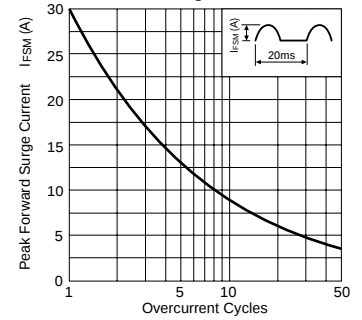
Ta—IF(AV) Derating



VF—IF Characteristics (Typical)

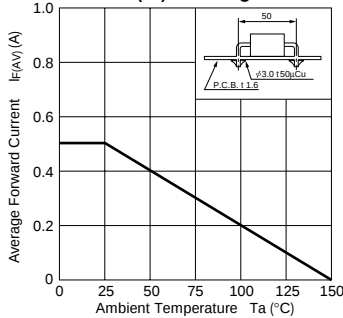


IFSM Rating

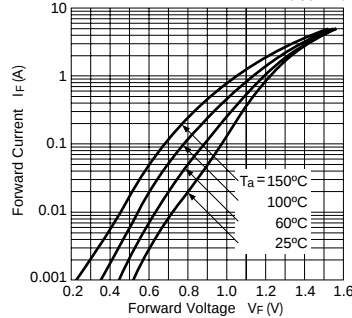


AU01 series

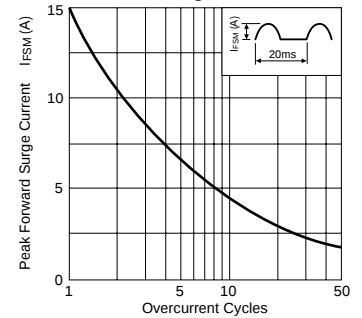
Ta—IF(AV) Derating



VF—IF Characteristics (Typical)

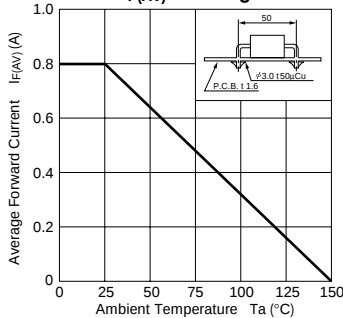


IFSM Rating

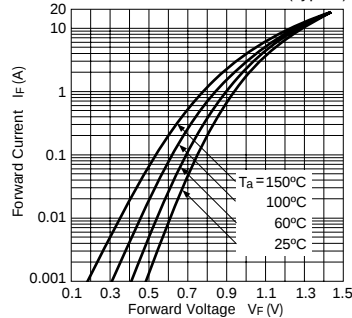


AU02 series

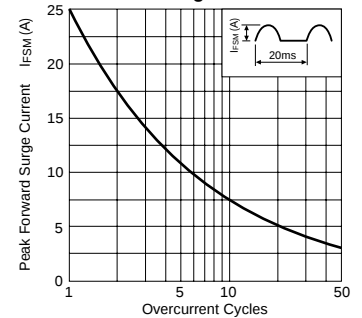
Ta—IF(AV) Derating



VF—IF Characteristics (Typical)



IFSM Rating



External Dimensions

(Unit: mm)

Flammability:
UL94V-0 or Equivalent

