

**ELECTRICAL CHARACTERISTICS** ($T_A = 25\text{ }^\circ\text{C}$ unless otherwise noted)

PARAMETER	TEST CONDITIONS	SYMBOL	SS22	SS23	SS24	SS25	SS26	UNIT
Maximum instantaneous forward voltage ⁽¹⁾	2.0 A	V_F	0.5			0.7		V
Maximum DC reverse current at rated DC blocking voltage ⁽¹⁾	$T_A = 25\text{ }^\circ\text{C}$	I_R	0.4					mA
	$T_A = 100\text{ }^\circ\text{C}$		10					

Note

⁽¹⁾ Pulse test: 300 μs pulse width, 1 % duty cycle

THERMAL CHARACTERISTICS ($T_A = 25\text{ }^\circ\text{C}$ unless otherwise noted)

PARAMETER	SYMBOL	SS22	SS23	SS24	SS25	SS26	UNIT
Typical thermal resistance ⁽¹⁾	$R_{\theta JA}$	75					$^\circ\text{C/W}$
	$R_{\theta JL}$	17					

Note

⁽¹⁾ PCB mounted with 0.55" x 0.55" (14 mm x 14 mm) copper pad areas

ORDERING INFORMATION (Example)

PREFERRED P/N	UNIT WEIGHT (g)	PREFERRED PACKAGE CODE	BASE QUANTITY	DELIVERY MODE
SS26-E3/52T	0.096	52T	750	7" diameter plastic tape and reel
SS26-E3/5BT	0.096	5BT	3200	13" diameter plastic tape and reel
SS26HE3_A/H ⁽¹⁾	0.096	H	750	7" diameter plastic tape and reel
SS26HE3_A/I ⁽¹⁾	0.096	I	3200	13" diameter plastic tape and reel
SS26-M3/52T	0.096	52T	750	7" diameter plastic tape and reel
SS26-M3/5BT	0.096	5BT	3200	13" diameter plastic tape and reel
SS26HM3_A/H ⁽¹⁾	0.096	H	750	7" diameter plastic tape and reel
SS26HM3_A/I ⁽¹⁾	0.096	I	3200	13" diameter plastic tape and reel

Note

⁽¹⁾ AEC-Q101 qualified

RATINGS AND CHARACTERISTICS CURVES ($T_A = 25\text{ }^\circ\text{C}$ unless otherwise noted)

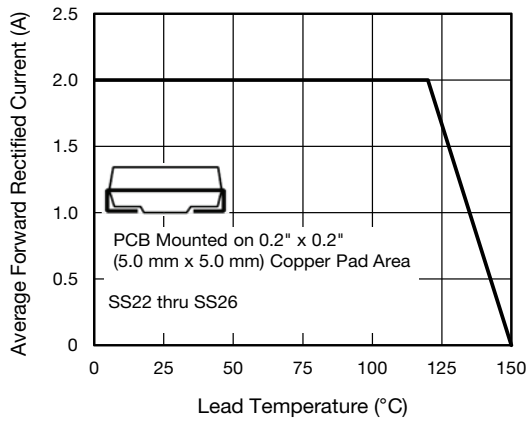


Fig. 1 - Forward Current Derating Curve

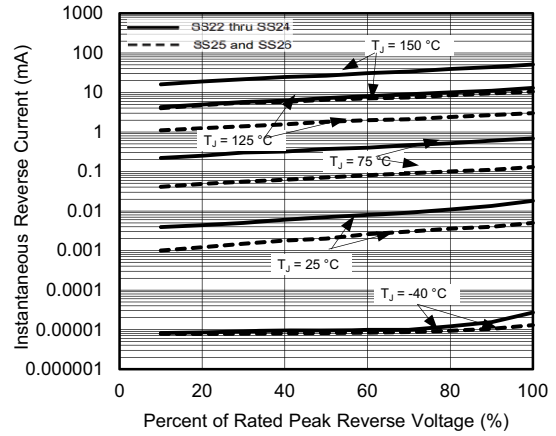


Fig. 4 - Typical Reverse Current Characteristics

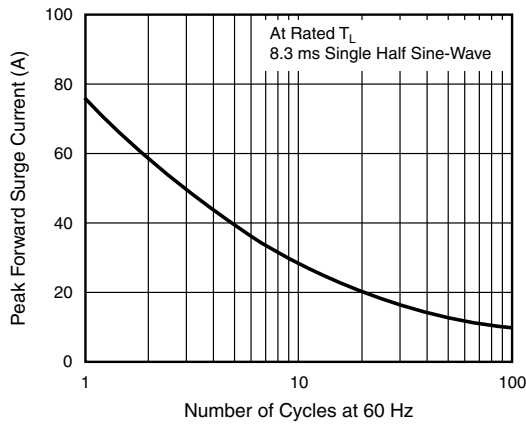


Fig. 2 - Maximum Non-Repetitive Surge Current

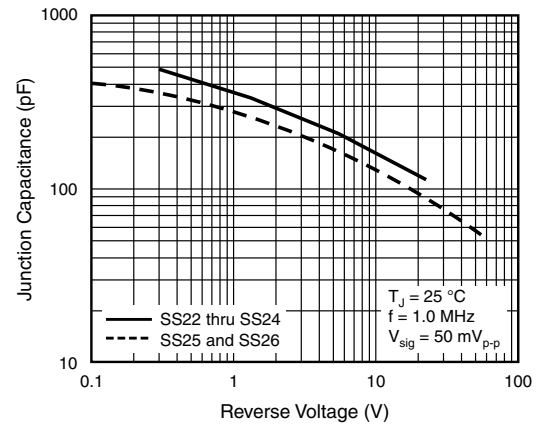


Fig. 5 - Typical Junction Capacitance

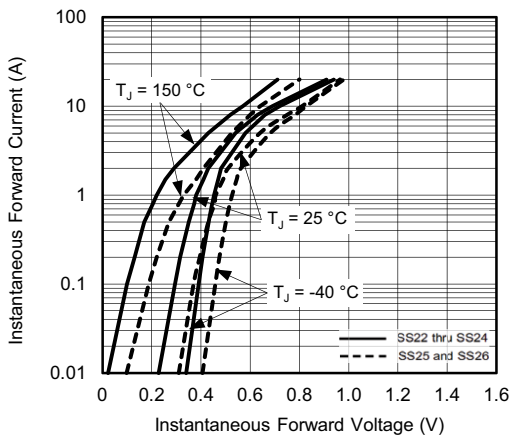
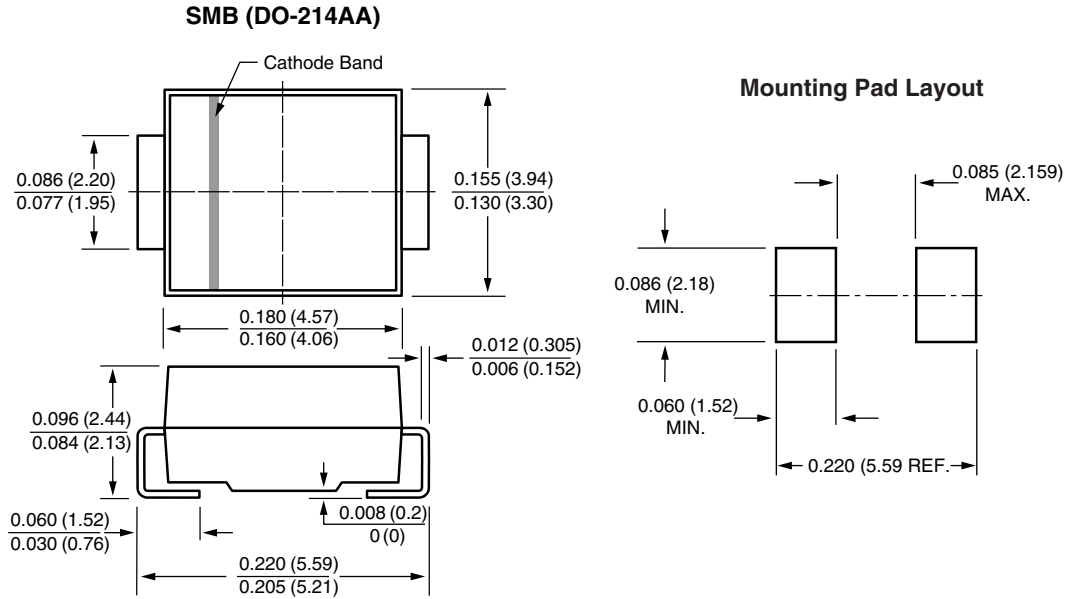


Fig. 3 - Typical Instantaneous Forward Characteristics



PACKAGE OUTLINE DIMENSIONS in inches (millimeters)





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