

	Symbols	SS 12	SS 13	SS 14	SS 15	SS 16	SS 18	SS 110	SS 115	SS 120	
Maximum repetitive peak reverse voltage	V_{RRM}	20	30	40	50	60	80	100	150	200	
Maximum RMS voltage	V_{RMS}	14	21	28	35	42	57	71	105	140	
Maximum DC blocking voltage	V_{DC}	20	30	40	50	60	80	100	150	200	
Maximum average forward rectified current (See Fig. 1)	$I_{(AV)}$										
	I_{FSM}										
Maximum instantaneous forward voltage at 1.0 A (note 1)	V_F	0.55			0.75		0.85		0.90	0.95	
	I_R	0.2									
		10.0									
Typical thermal resistance (Note 2)	R_{JA}	88.0									
	R_{JL}	28.0									
Operating junction temperature	$T_{J(P)}$	-40 to +150									
	T_{STG}										

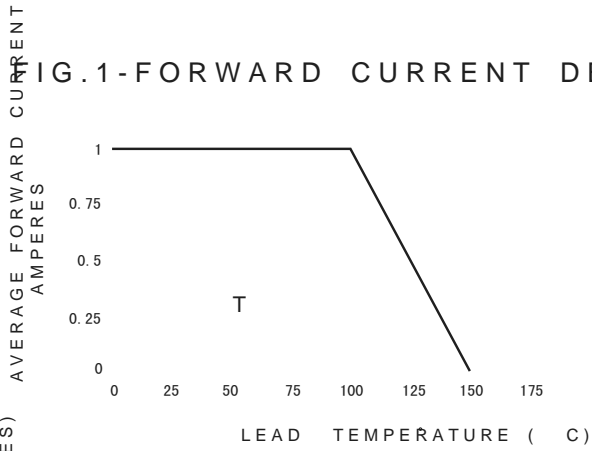


FIG. 1 - FORWARD CURRENT DERATING CURVE

FIG. 2 - MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

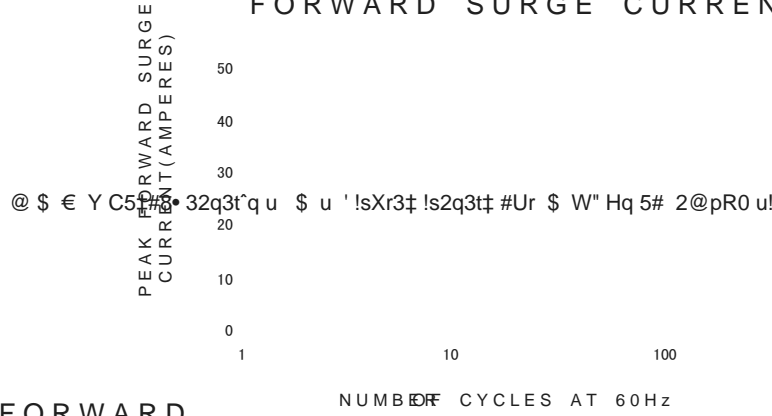


FIG. 3 - TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS

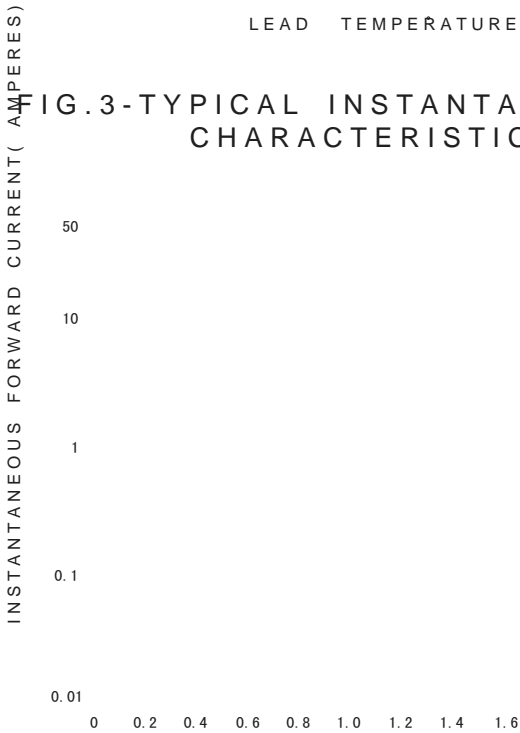


FIG. 4 - TYPICAL REVERSE CHARACTERISTICS

