

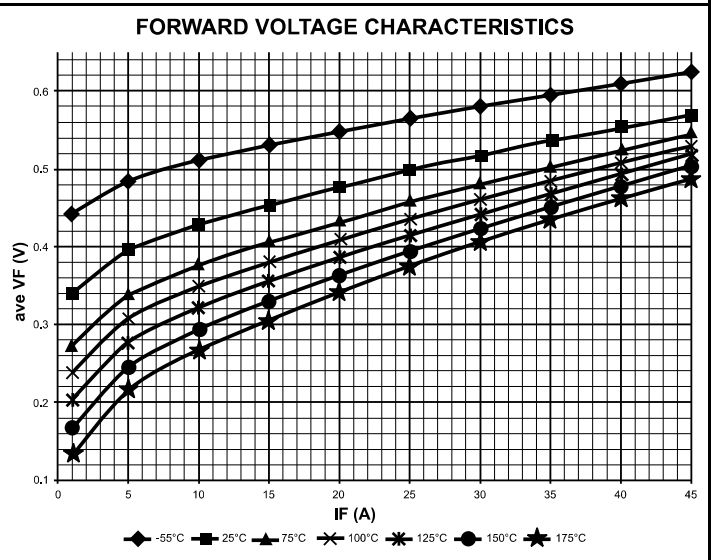
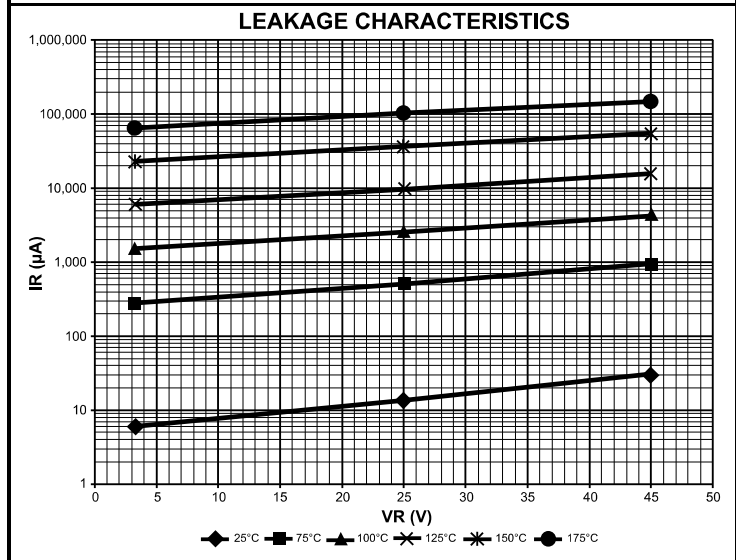
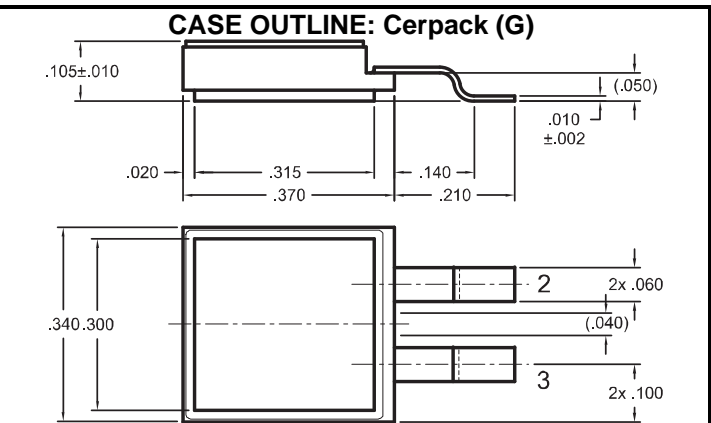
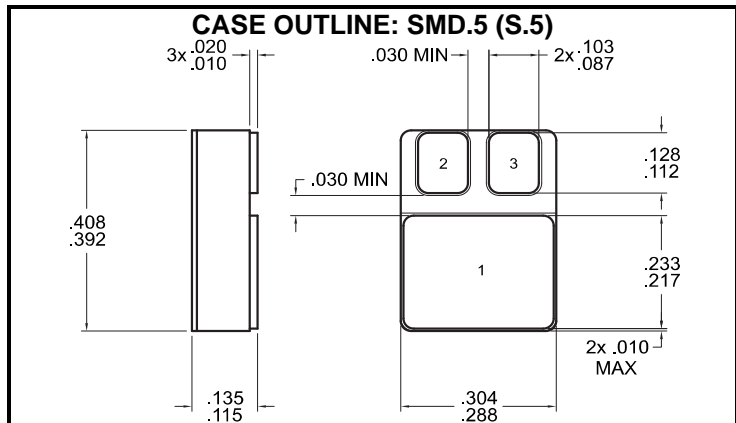


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SSR2040 series

ELECTRICAL CHARACTERISTICS		SYMBOL	MIN	TYP	MAX	UNIT
Instantaneous Forward Voltage Drop ($I_F = 5 A_{DC}$, 300-500 μ sec Pulse)	$T_A = -55^\circ C$	V_{F1}		0.50	-	V_{DC}
	$T_A = 25^\circ C$	V_{F2}	-	0.42	0.50	
	$T_A = 125^\circ C$	V_{F3}		0.32	0.40	
Instantaneous Forward Voltage Drop ($I_F = 10 A_{DC}$, 300-500 μ sec Pulse)	$T_A = -55^\circ C$	V_{F4}		0.56	0.65	V_{DC}
	$T_A = 25^\circ C$	V_{F5}	-	0.48	0.55	
	$T_A = 125^\circ C$	V_{F6}		0.40	0.48	
Instantaneous Forward Voltage Drop ($I_F = 20 A_{DC}$, 300-500 μ sec Pulse)	$T_A = -55^\circ C$	V_{F7}		0.68	-	V_{DC}
	$T_A = 25^\circ C$	V_{F8}	-	0.58	0.65	
	$T_A = 125^\circ C$	V_{F9}		0.54	0.62	
Reverse Leakage Current (Rated V_R , 300 μ sec pulse minimum)	$T_A = 25^\circ C$	I_{R1}		30	100	μA
	$T_A = 100^\circ C$	I_{R2}	-	4.5	15	mA
	$T_A = 125^\circ C$	I_{R3}		16	50	mA
Junction Capacitance ($T_A = 25^\circ C$, $f = 1$ MHz)	$V_R = 5V$	C_{J1}		3500	4000	pF
	$V_R = 10V$	C_{J2}	-	1400	2000	



NOTE: All specifications are subject to change without notification. SCD's for these devices should be reviewed by SSDI prior to release.

DATA SHEET #: SH0070A

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