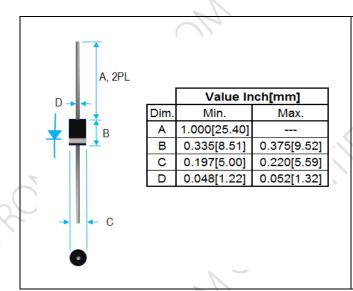


3A SCHOTTKY BARRIER RECTIFIERS



PRODUCT FEATURES

- 1. FLAMMABILITY CLASSIFICATION 94V-0
- 2. EXTREMELY LOW VF
- LOW STORED CHARGE
- 4. MAJORITY CARRIER CONDUCTION
- LOW POWER LOSS/HIGH EFFICIENCY
- 6. CASE: TRANSFER MOLDED, DO-201AD
- 7. DIMENSIONS IN INCHES AND (MILLIMETERS)
- B. LEADS: SOLDERABILITY PER MIL-STD-202 METHOD 208
- 9. WEIGHT: 1.1 GRAMS
- 10 RoHS COMPLIANT AND HALOGEN FREE

ELECTRICAL CHARACTERISTICS

MAXIMUM RATINGS ($T_A = 25$ °C UNLESS OTHERWISE NOTED) AND ELECTRICAL CHARACTERISTICS

minute in the interest of the contract of the contract of the interest of the interest of the contract of the						
RATING	SYMBOL		UNITS			
MAXIMUM AVERAGE FORWARD RECTIFIED CURRENT, SEE FIG.1	lo	3.0	Α			
PEAK FORWARD SURGE CURRENT, 8.3ms SINGLE HALF SINE-WAVE SUPERIMPOSED ON RATED LOAD	I _{FSM}	80	А			
STORAGE TEMPERATURE RANGE	T _{STG}	- 55 TO +150	°C			
OPERATING TEMPERATURE RANGE	Тор	- 55 TO +125	°C			
MAXIMUM REVERSE CURRENT AT 25°C	I _R	0.5	mA			

	MAX RECURRENT PK REVERSE	MAX	MAXIMUM FORWARD	TYPICAL JUNCTION
PART NUMBER	VOLTAGE/DC BLOCKING V _{RRM} /V _R	V_{RMS}	VOLTAGE @ lo DC	CAPACITANCE C _J
	(V)	(V)	VF (V)	(pF)
SR340	40	28	0.55	90
SR360	60	42	0.70	110
SR3100	100	70	0.85	110

NOTE: 1. MEASURED AT 1MHz WITH APPLIED REVERSE VOLTAGE OF 4V.

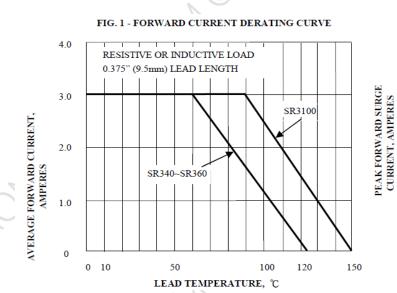
- 2. BOTH LEADS ATTACHED TO HEAT SINK 20x20x1T (mm) COPPER PLATE AT LEAD LENGTH 5mm.
- 3. CURRENT RATING IS BASED ON SINGLE PHASE, 1/2 WAVE, 60HZ, RESISTIVE, OR INDUCTIVE LOAD. FOR CAPACITIVE LOAD, DERATE CURRENT BY 20%.
- 4. SR3100 OPERATING TEMPERATURE CAN GO UP TO +150°C.

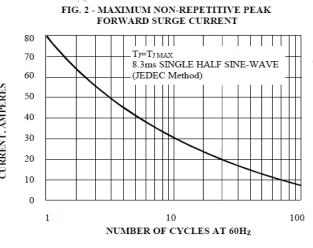
Page **1** of **2**

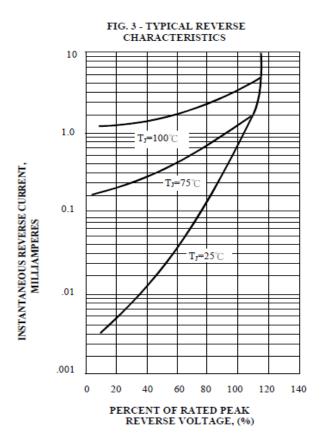
667 E. Cochran St., Simi Valley, CA 93065 Phone: 1-805-522-9998, Fax: 1-805-522-9989

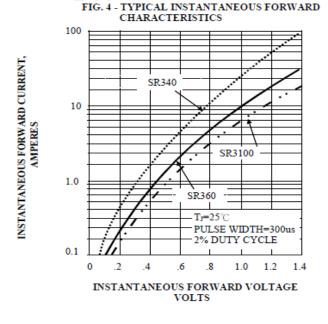


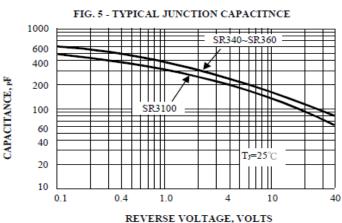
RATINGS AND CHARACTERISTIC CURVES











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