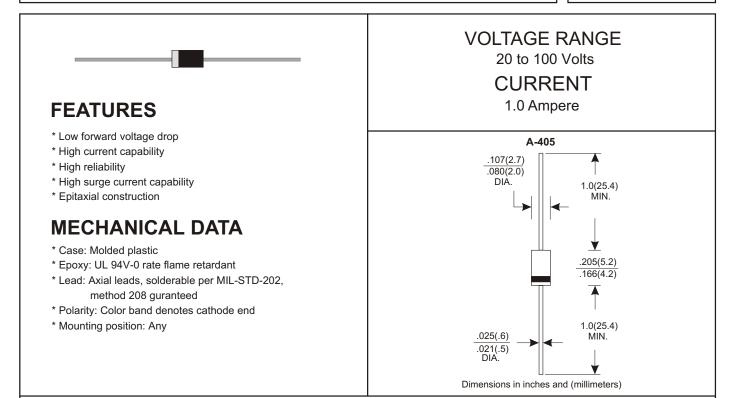
SR120S THRU SR1100S

1.0 AMP SCHOTTKY BARRIER RECTIFIERS





MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

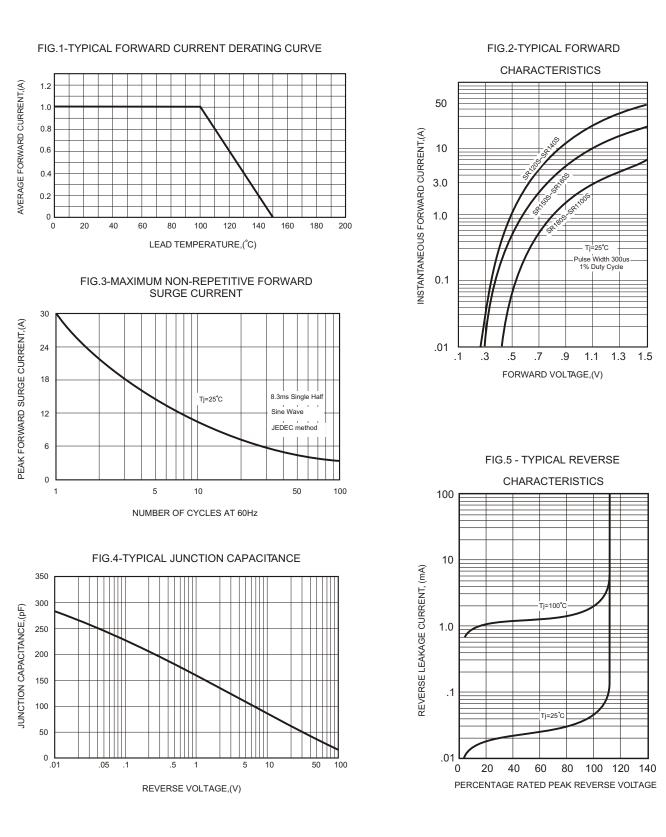
Rating 25°C ambient temperature uniess otherwies specified. Single phase half wave, 60Hz, resistive or inductive load. For capacitive load, derate current by 20%.

SR120S	SR130S	SR140S	SR150S	SR160S	SR180S	SR1100S	UNITS
20	30	40	50	60	80	100	V
14	21	28	35	42	56	70	V
20	30	40	50	60	80	100	V
						·	
	1.0						A
	30						A
	0.55 0.70 0.85				.85	V	
	0.5						mA
	10						mA
	110						pF
	15						°C/W
	-65+150						°C
	-65-+150						°C
	20 14	20 30 14 21 20 30	20 30 40 14 21 28 20 30 40 0.55 0.55	20 30 40 50 14 21 28 35 20 30 40 50 20 30 40 50 1.0 30 0.55 0.5 10 110 15 -65+115	20 30 40 50 60 14 21 28 35 42 20 30 40 50 60 20 30 40 50 60 1.0 30 0.55 0.70 0.55 0.70 110 110 15 -65+150	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

NOTES:

1. Measured at 1MHz and applied reverse voltage of 4.0V D.C.

2. Thermal Resistance Junction to Lead Vertical PC Board Mounting 0.375" (9.5mm) Lead Length.



RATING AND CHARACTERISTIC CURVES (SR120S THRU SR1100S)