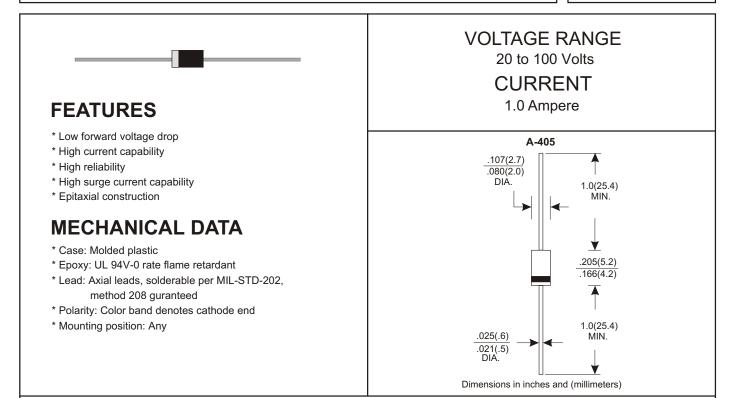
## SR120S THRU SR1100S

## **1.0 AMP SCHOTTKY BARRIER RECTIFIERS**





## MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

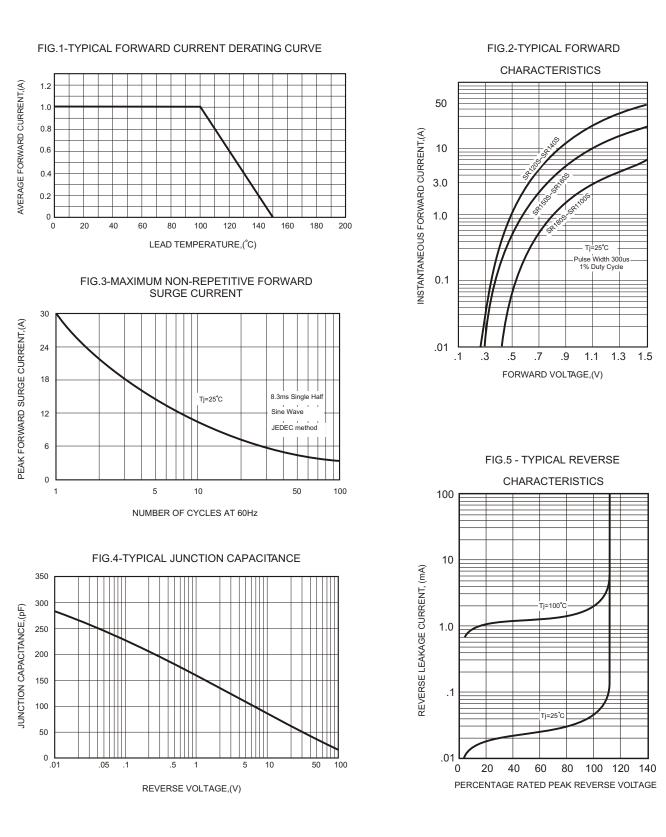
Rating 25°C ambient temperature uniess otherwies specified. Single phase half wave, 60Hz, resistive or inductive load. For capacitive load, derate current by 20%.

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)