

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

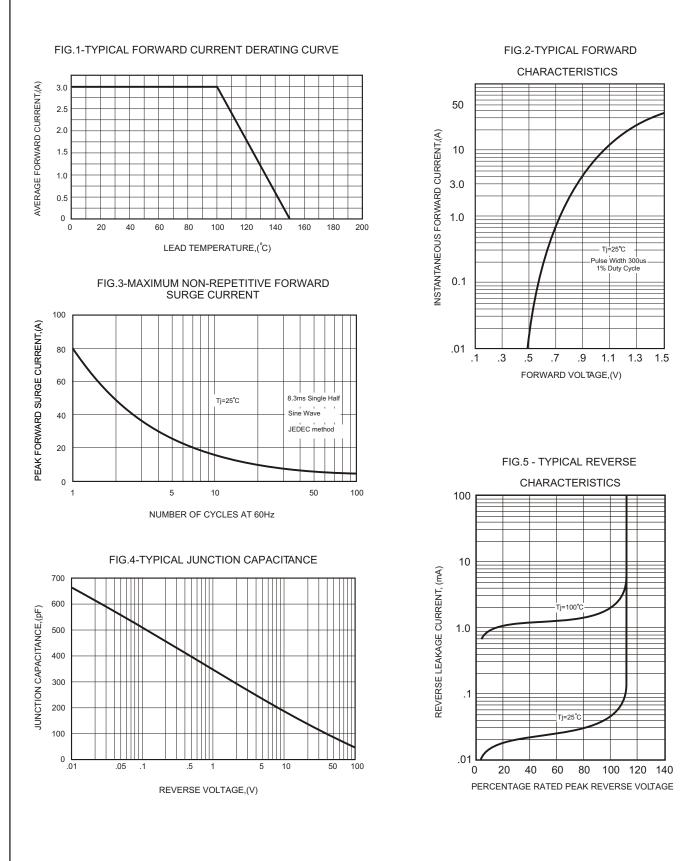
Rating 25°C ambient temperature uniess otherwies specified. Single phase half wave, 60Hz, resistive or inductive load. For capacitive load, derate current by 20%.

TYPE NUMBER	SR3150	SR3200	UNITS
Maximum Recurrent Peak Reverse Voltage	150	200	V
Maximum RMS Voltage	105	140	V
Maximum DC Blocking Voltage	150	200	V
Maximum Average Forward Rectified Current			
at T∟=100 [°] C	3.0		A
Peak Forward Surge Current, 8.3 ms single half sine-wave			
superimposed on rated load (JEDEC method)	80		А
Maximum Instantaneous Forward Voltage at 3.0A	0.92		V
Maximum DC Reverse Current Ta=25°C	().5	mA
at Rated DC Blocking Voltage Ta=100°C	10		mA
Typical Junction Capacitance (Note1)	250		PF
Typical Thermal Resistance R0JL (Note 2)	10		°C/W
Operating Temperature Range TJ	-65 -+ + 150		°C
Storage Temperature Range Tsrg	-65-+150		℃

NOTES:

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

2. Thermal Resistance Junction to Lead Vertical PC Board Mounting 0.5"(12.7mm) Lead Length.



RATING AND CHARACTERISTIC CURVES (SR3150 THRU SR3200)