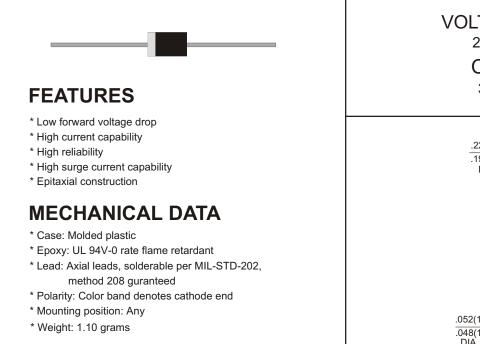
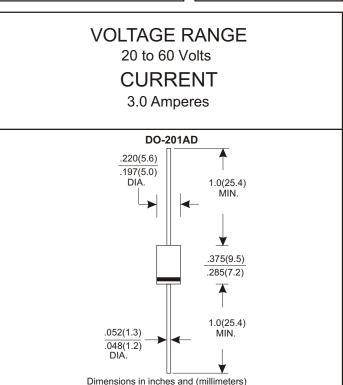
SR320P THRU SR360P

3.0 AMP SCHOTTKY BARRIER RECTIFIERS





MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

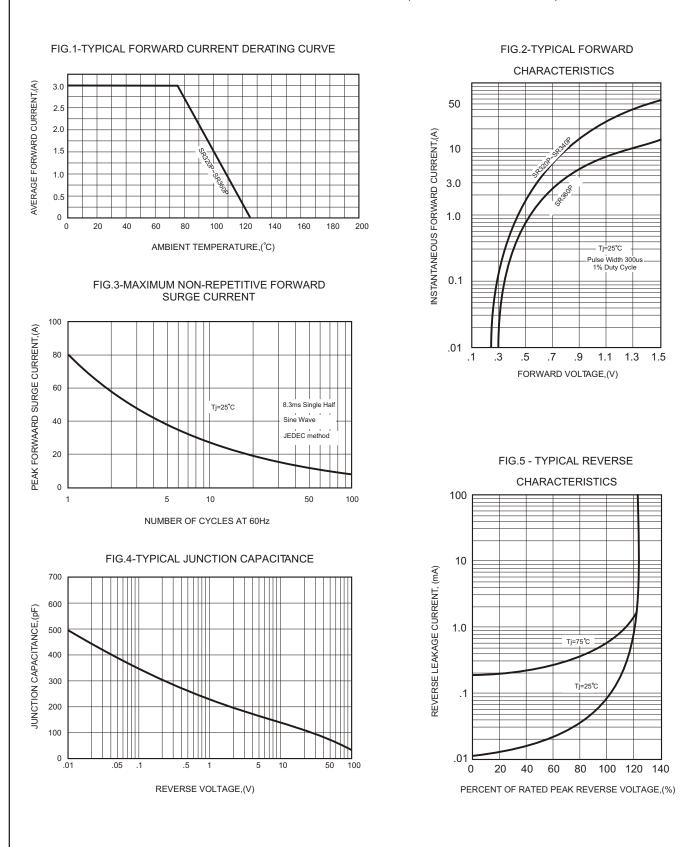
Rating 25°C ambient temperature uniess otherwies specified. Single phase half wave, 60Hz, resistive or inductive load. For capacitive load, derate current by 20%.

TYPE NUMBER	SR320P	SR340P	SR360P	UNITS
Maximum Recurrent Peak Reverse Voltage	20	40	60	V
Maximum RMS Voltage	14	28	42	V
Maximum DC Blocking Voltage	20	40	60	V
Maximum Average Forward Rectified Current				
See Fig. 1		3.0		A
Peak Forward Surge Current, 8.3 ms single half sine-wave				
superimposed on rated load (JEDEC method)		80		A
Maximum Instantaneous Forward Voltage at 3.0A	0.60	0.60 0.74		V
Maximum DC Reverse Current Ta=25°C		2.0		mA
at Rated DC Blocking Voltage Ta=100°C		20		mA
Typical Junction Capacitance (Note1)		180		pF
Typical Thermal Resistance R JA (Note 2)	35		°C/W	
Operating Temperature Range TJ		-40-+125		°C
Storage Temperature Range Tsrg		-40-+150		

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

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





RATING AND CHARACTERISTIC CURVES (SR320P THRU SR360P)