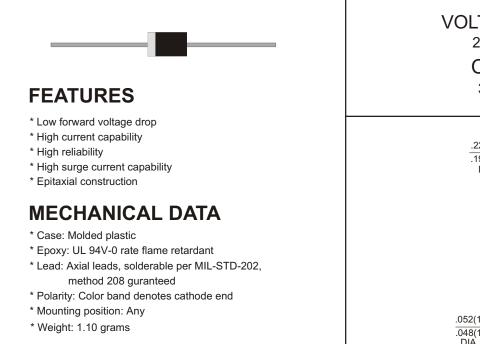
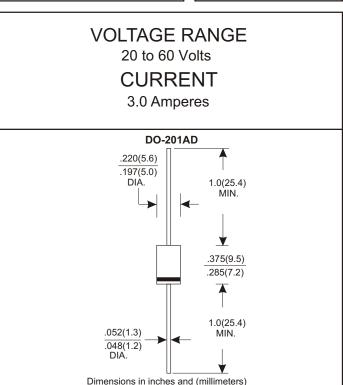
SR320P THRU SR360P

3.0 AMP SCHOTTKY BARRIER RECTIFIERS





MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

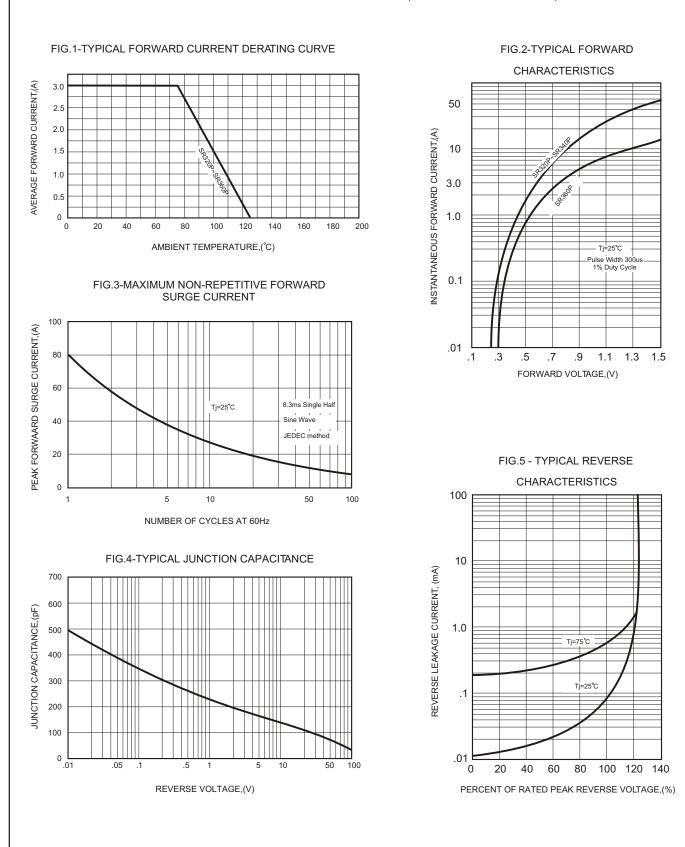
Rating 25°C ambient temperature uniess otherwies specified. Single phase half wave, 60Hz, resistive or inductive load. For capacitive load, derate current by 20%.

| 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)