

- For surface mounted applications
- Ideal for automated placement
- High forward surge current capability
- The plastic package carries Underwriters Laboratory Flammability Classification 94V-0
- High temperature soldering guaranteed 260°C/10 seconds at terminals

For use in general purpose rectification of power suppliers, inverters, converters, and freewheeling diodes for consumer and telecommunication.

Ratings at 25 ambient temperature unless otherwise specified.Single phase half-wave 60Hz,resistive or inductive load, for capacitive load current derate by 20%.

Maximum Repetitive Peak Reverse Voltage		1200	
Maximum RMS voltage		840	
Maximum DC Blocking Voltage		1200	
Maximum average forward rectified current at T_L=120°C		2.0	
Peak forward surge current, 8.3ms single half sine-wave superimposed on rated load		50	
Maximum instantaneous forward voltage at 2.0A		1.0	
Maximum Instantaneous Reverse Current T = 25°C at Rated DC Reverse Voltage T = 125°C		2 100	
Maxinum reverse recovery time I_F=0.5A I_R=1.0A Irr=0.25A		2400	
Typical junction capacitance (Note1)		11	
Typical Thermal Resistance		65 18	
Operating Junction Temperature Range		-55 ~ +150	
Storage Temperature Range		-55 ~ +150	

Note:
1.Measured at 1MHz and applied reverse voltage of 4.0V D.C.
2.Thermal resistance from junction to ambient and from junction to lead mounted on P.C.B.with 0.3" x0.3" (8.0 mm x 8.0 mm) copper pad areas

Marking Diagram

Ordering information

Package	Packing Description	Packing Quantity
DO		

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