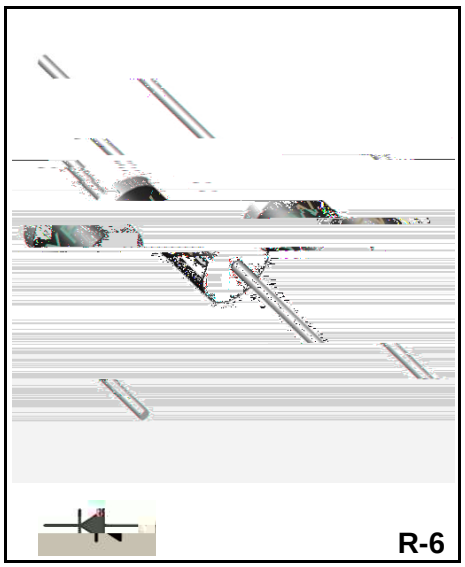
- For surface mounted applications
- Open Junction chip
- Low profile package
- Ideal for automated placement
- Lead free in comply with EU RoHS 2011/65/EU directives

- Case: R-6
- Terminals: Solderable per MIL-STD-750, Method 2026
- Approx. Weight: 2.05g / 0.072oz



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

Maximum Repetitive Peak Reverse Voltage		1400	
Maximum RMS voltage		980	
Maximum DC Blocking Voltage		1400	
Maximum Average Forward Rectified Current at T_c = 100 °C		10.0	
Peak Forward Surge Current 8.3 ms Single Half Sine Wave Superimposed on Rated Load		400.0	
Maximum Instantaneous Forward Voltage at 10A		1.10	
Maximum DC Reverse Current T_a = 25 °C at Rated DC Blocking Voltage T_a=125 °C		10.0 500	
Typical Junction Capacitance		150.0	
Typical Thermal Resistance		40.0	
Operating and Storage Temperature Range		-55 ~ +150	

FIG. 1- DERATING CURVE OUTPUT RECTIFIED CURRENT

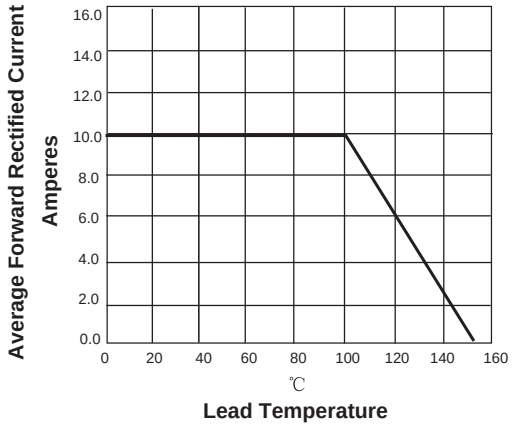


FIG. 2-MAXIMUM NON-REPETITIVE PEAK FORWARD SURGE CURRENT PERLEG

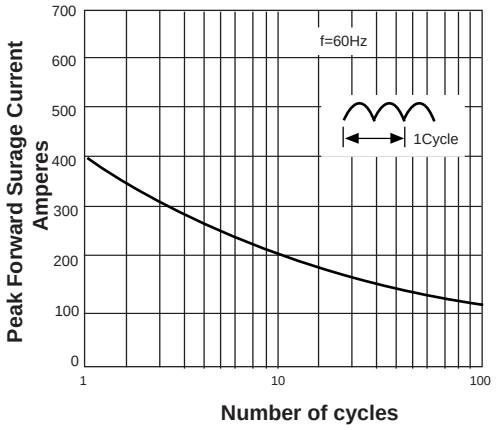


FIG. 3-TYPICAL FORWARD VOLTAGE CHARACTERISTICS

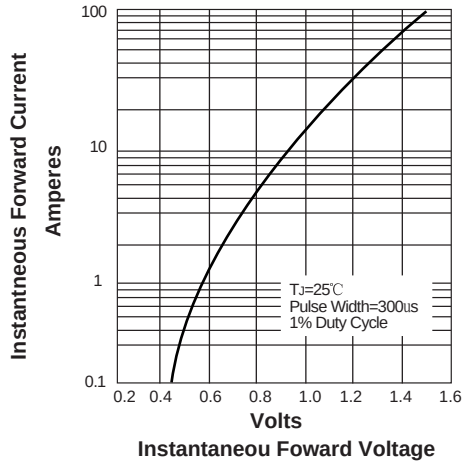
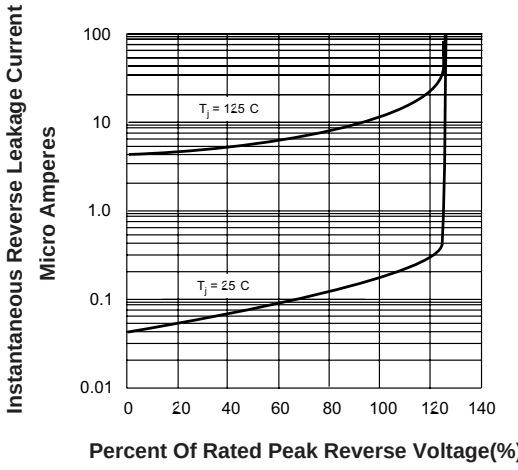


FIG. 4-TYPICAL REVERSE LEAKAGE CHARACTERISTICS

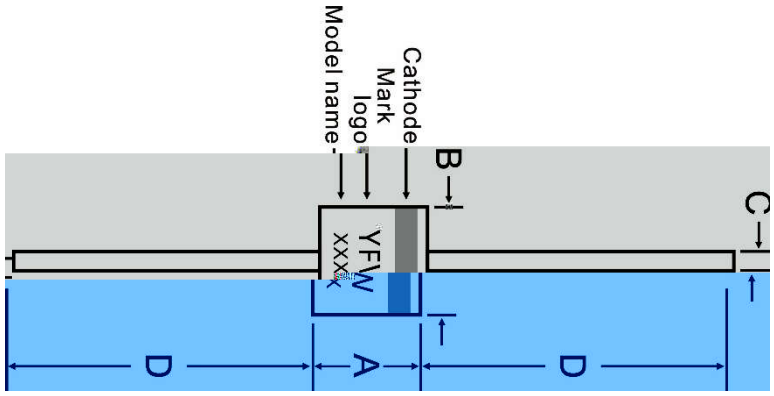


Ordering information

Package	Packing Description	Packing Quantity
R-6		

Package Dimensions

R-6



Dim.	Millimeter(mm)		INCHES	
	Min.	Max.	Min.	Max.

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