



Micro Commercial Components



Micro Commercial Components
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R1200
THRU
R2000

Features

- Low Cost
Lead Free Finish/RoHS Compliant (Note1) ("P" Suffix designates Compliant. See ordering information)
High Current Capability
High Voltage
Halogen free available upon request by adding suffix "-HF"

500 Milliamp
High Voltage
Silicon Rectifier
1200 to 2000 Volts

Maximum Ratings

- Operating Temperature: -55°C to +150°C
Storage Temperature: -55°C to +150°C
Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1

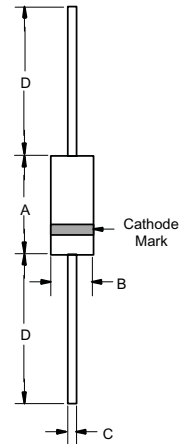
Table with 5 columns: MCC Catalog Number, Device Marking, Maximum Recurrent Peak Reverse Voltage, Maximum RMS Voltage, Maximum DC Blocking Voltage. Rows include R1200, R1500, R1800, R2000.

Electrical Characteristics @ 25°C Unless Otherwise Specified

Table with 4 columns: Parameter, Symbol, Value, Conditions. Rows include Average Forward Current, Peak Forward Surge Current, Maximum Instantaneous Forward Voltage, Maximum DC Reverse Current, and Typical Junction Capacitance.

Note: 1. High Temperature Solder Exemption Applied, see EU Directive Annex 7.

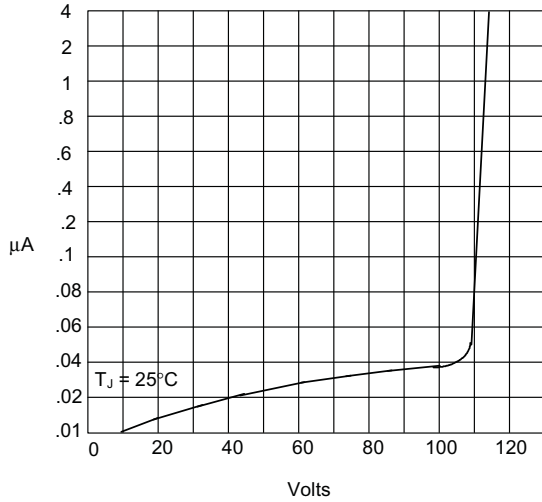
DO-41



DIMENSIONS table with columns for DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Rows A, B, C, D.

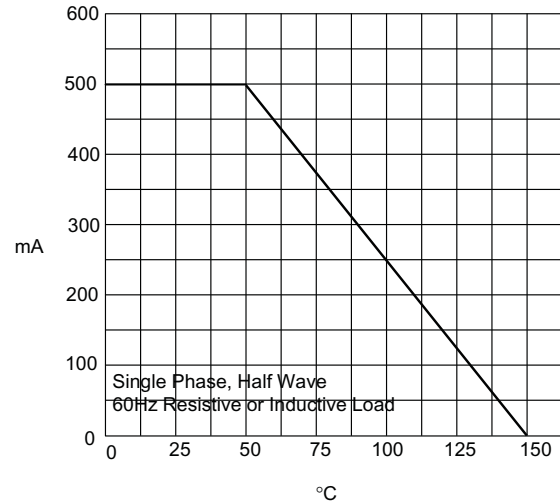
R1200 - R2000

Figure 1
Typical Reverse Characteristics



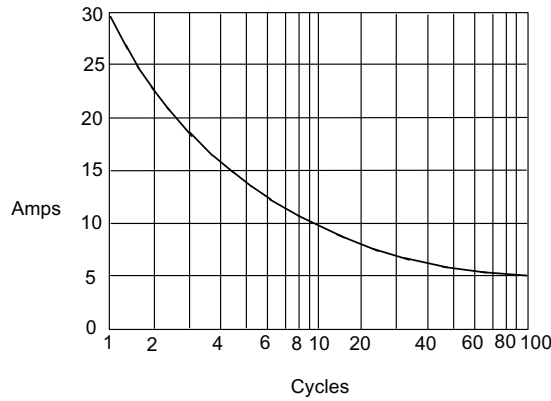
Instantaneous Reverse Current - Micro Amperes
Percent Of Rated Peak Reverse Voltage - Volts

Figure 2
Forward Derating Curve



Average Forward Rectified Current - Amperes
Ambient Temperature - °C

Figure 3
Peak Forward Surge Current



Peak Forward Surge Current - Amperes
Number Of Cycles At 60Hz - Cycles



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Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 5Kpcs/Reel
Part Number-AP	Ammo Packing: 5Kpcs/Ammo Box
Part Number-BP	Bulk: 50Kpcs/Carton

Note : Adding "-HF" suffix for halogen free, eg. Part Number-TP-HF

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