



Micro Commercial Components



Micro Commercial Components
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RM1200E
THRU
RM2000E

Features

- Lead Free Finish/Rohs Compliant (Note1) ("P" Suffix designates Compliant. See ordering information)
Low Forward Voltage Drop
High Current Capability
High Voltage
Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1

Maximum Ratings

- Operating Temperature: -55°C to +150°C
Storage Temperature: -55°C to +150°C

Table with 5 columns: MCC Catalog Number, Device Marking, Maximum Recurrent Peak Reverse Voltage, Maximum RMS Voltage, Maximum DC Blocking Voltage. Rows include RM1200E, RM1500E, RM1800E, RM2000E.

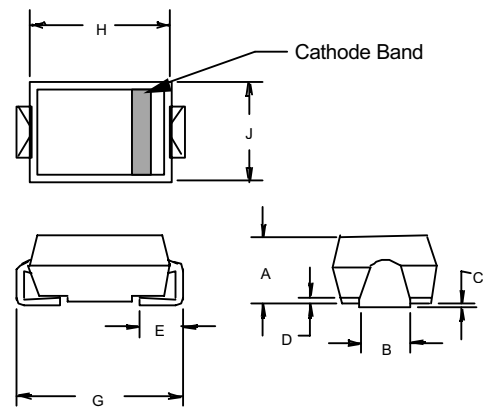
Electrical Characteristics @ 25°C Unless Otherwise Specified

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 Exemptions Applied, see EU Directive Annex 7.

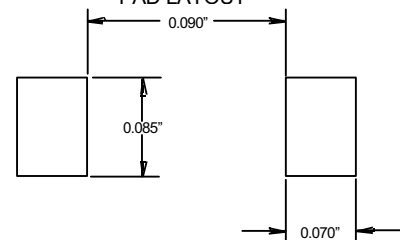
500 Milliamp
High Voltage
Silicon Rectifier
1200 to 2000 Volts

DO-214AC
(SMAE)



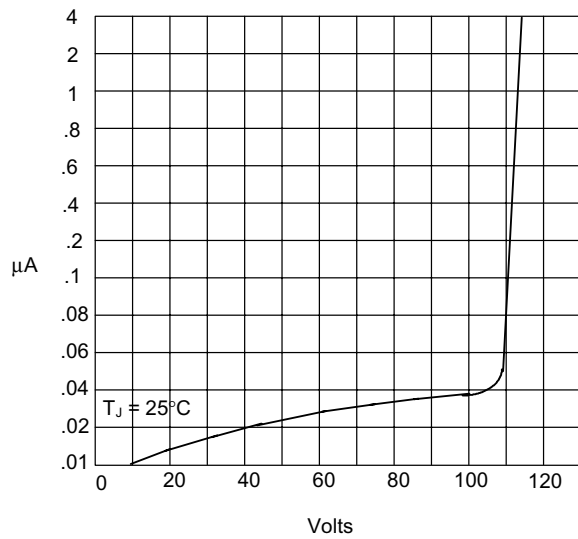
DIMENSIONS table with columns: DIM, INCHES (MIN, MAX), MM (MIN, MAX), NOTE. Rows A through J.

SUGGESTED SOLDER PAD LAYOUT



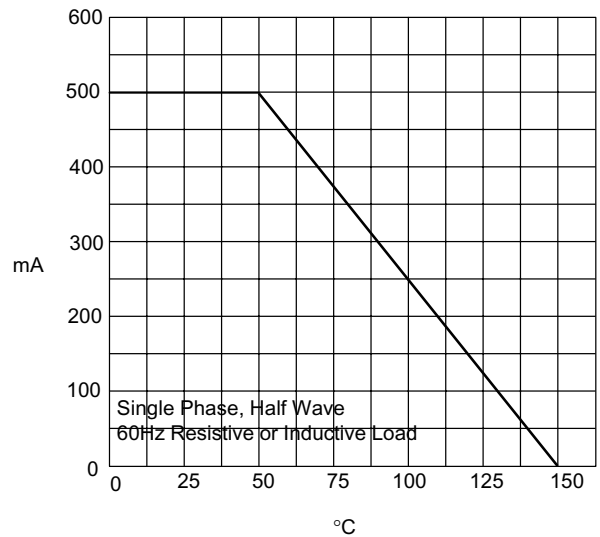
RM1200E - RM2000E

Figure 1
Typical Reverse Characteristics



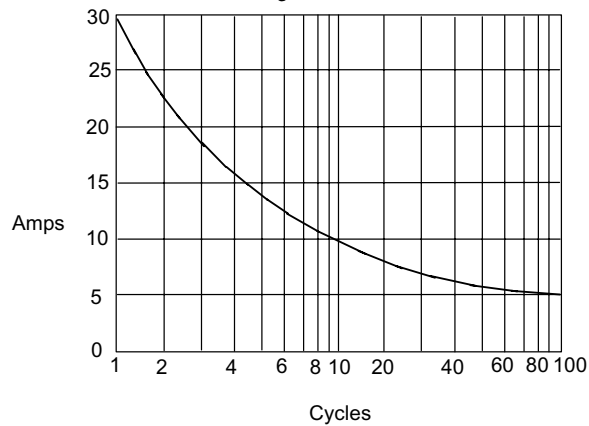
Instantaneous Reverse Current - Micro Amperes versus
Percent Of Rated Peak Reverse Voltage - Volts

Figure 2
Forward Derating Curve



Average Forward Rectified Current - Amperes versus
Ambient Temperature - °C

Figure 3
Peak Forward Surge Current



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



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Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 6Kpcs/Reel

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