

Obsolete



Micro Commercial Components



Micro Commercial Components
20736 Marilla Street Chatsworth
CA 91311
Phone: (818) 701-4933
Fax: (818) 701-4939

MB12M
THRU
MB110M

Features

- Saves Space On Printed Circuit Board
Halogen free available upon request by adding suffix "-HF"
Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1
Lead Free Finish/Rohs Compliant (Note1) ("P" Suffix designates Compliant. See ordering information)

Mechanical Data

- Terminals: Plated leads Solderable per MIL-STD-750, Method 2026
Moisture Sensitivity: Level 1 per J-STD-020C

Table with 5 columns: MCC Part Number, Device Marking, Maximum Recurrent Peak Reverse Voltage, Maximum RMS Voltage, Maximum DC Blocking Voltage. Rows include MB12M, MB14M, MB16M, MB18M, MB110M.

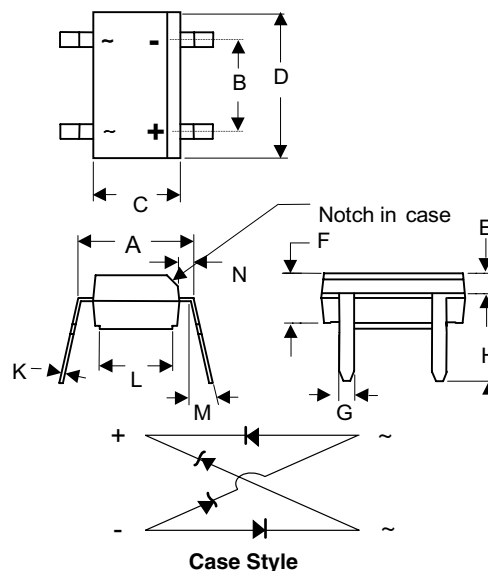
Electrical Characteristics @ 25°C Unless Otherwise Specified

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, Typical Thermal Resistance, and Operating Junction and Storage Temperature Range.

- 1. High Temperature Solder Exemption Applied, see EU Directive Annex Notes 7
2. Thermal resistance from junction to ambient and from junction to lead P.C.B. mounted on 0.2*0.2"(5.0*5.0mm) copper pad areas.

1 Amp Schottky
Bridge Rectifier
20 to 100 Volts

MB-1



Case Style

DIMENSIONS

Table with 6 columns: DIM, INCHES (MIN, MAX), MM (MIN, MAX), NOTE. Rows A through N.

Fig.1 Forward Current Derating Curve

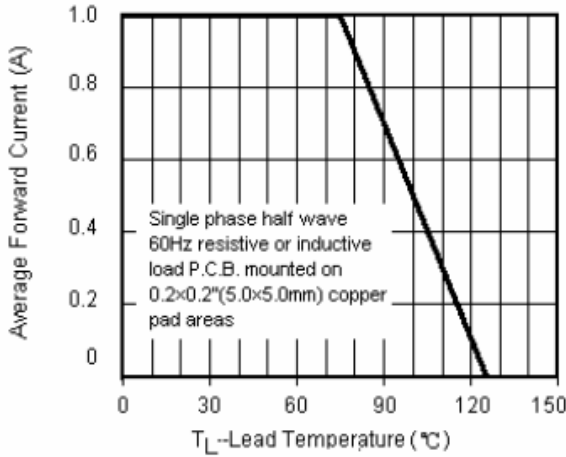


Fig.2 Maximum Non-Repetitive Peak Forward Surge Current

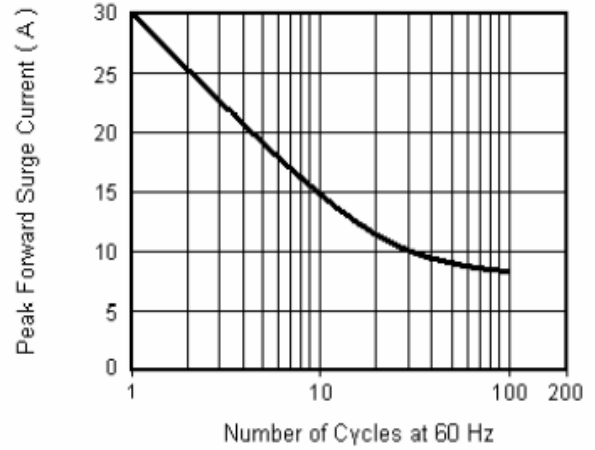


Fig.3 Typical Instantaneous Forward Characteristics

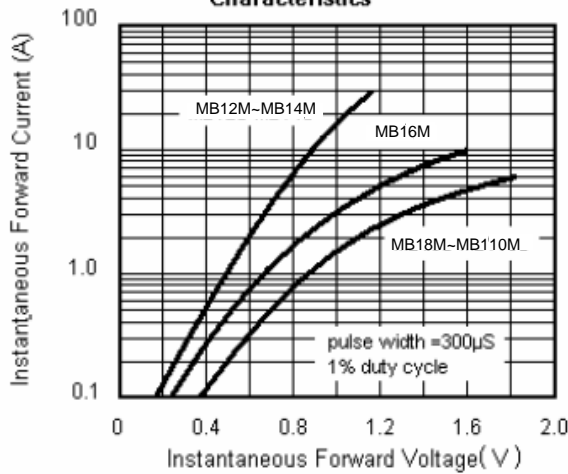
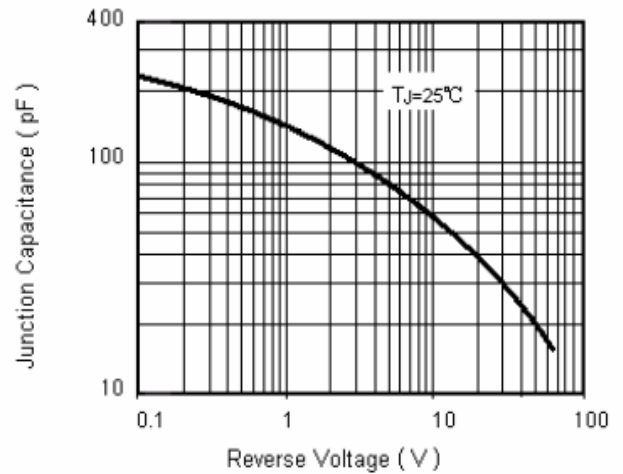


Fig.4 Typical Junction Capacitance





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Ordering Information

Device	Packing
(Part Number)-BP	Bulk;5K/Box

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

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