



**THE DATASHEET OF
MB3510W-BP**



Obsolete

M.C.C.

Micro Commercial Components



Micro Commercial Components
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MB3505W
THRU
MB3510W

Features

- Mounting Hole For #8 Screw
High Conductivity Metal Case
Any Mounting Position
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)
UL Recognized File # E165989

Maximum Ratings

- Operating Temperature: -55°C to +150°C
Storage Temperature: -55°C to +150°C
Mounting Torque: 20 in-lbs Maximum

Table with 5 columns: MCC Catalog Number, Device Marking, Maximum Recurrent Peak Reverse Voltage, Maximum RMS Voltage, Maximum DC Blocking Voltage. Rows include MB3505W through MB3510W.

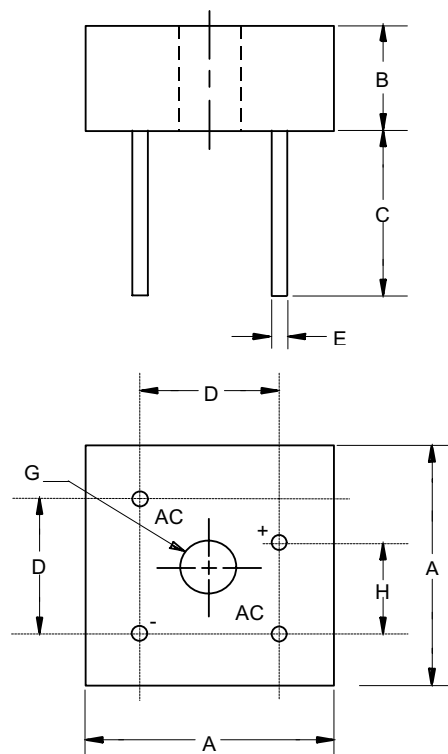
Electrical Characteristics @ 25°C Unless Otherwise Specified

Table with 4 columns: Parameter, Symbol, Value, Conditions. Rows include Average Forward Current, Peak Forward Surge Current, Maximum Forward Voltage Drop Per Element, and Maximum DC Reverse Current At Rated DC Blocking Voltage.

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

35 Amp Single Phase Bridge Rectifier
50 to 1000 Volts

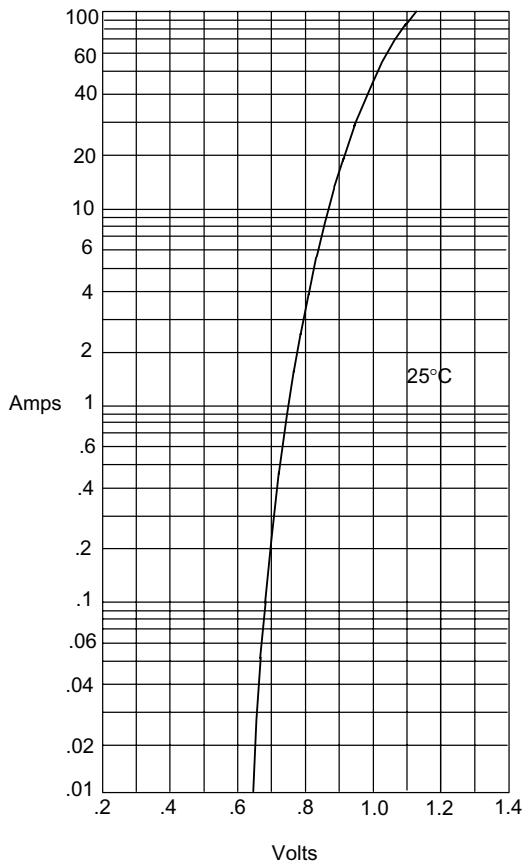
MB-35W



DIMENSIONS table with columns for DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Rows A through H.

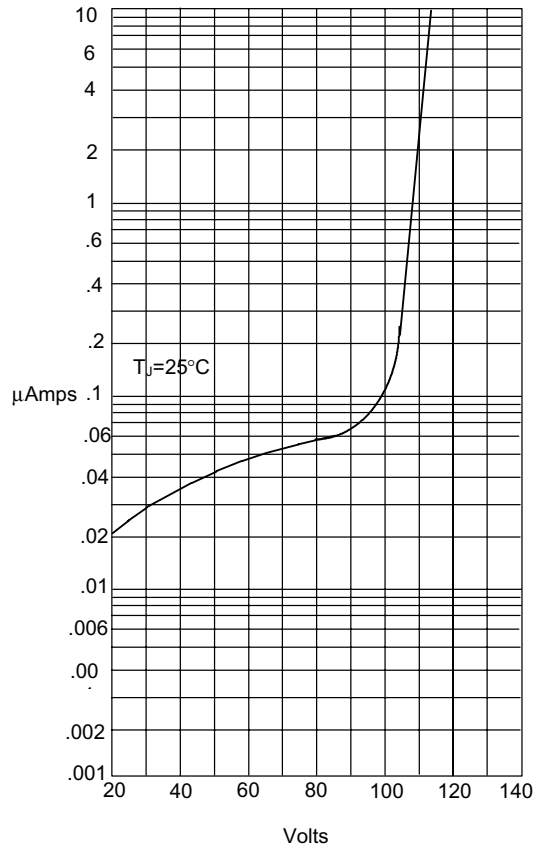
MB3505W thru MB3510W

Figure 1
Typical Forward Characteristics



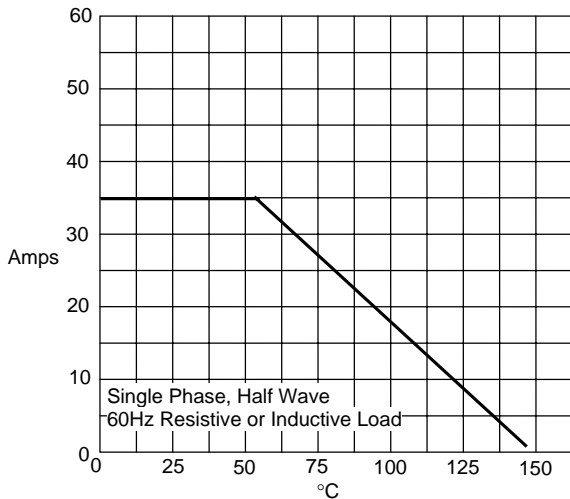
Instantaneous Forward Current - Amperes *versus* Instantaneous Forward Voltage - Volts

Figure 2
Typical Reverse Characteristics



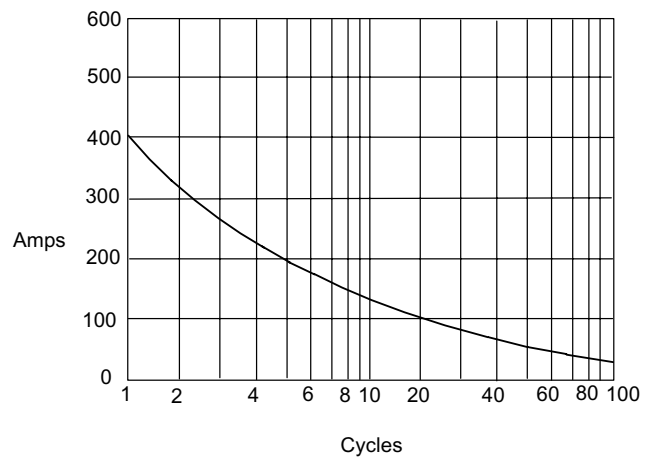
Instantaneous Reverse Leakage Current - MicroAmperes *versus* Percent Of Rated Peak Reverse Voltage - Volts

Figure 3
Forward Derating Curve



Average Forward Rectified Current - Amperes *versus* Case Temperature - °C

Figure 4
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)-BP	Bulk;400Pcs/Ctn

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

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www.mccsemi.com

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