



Micro Commercial Components



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MBRB1030CT
THRU
MBRB1060CT

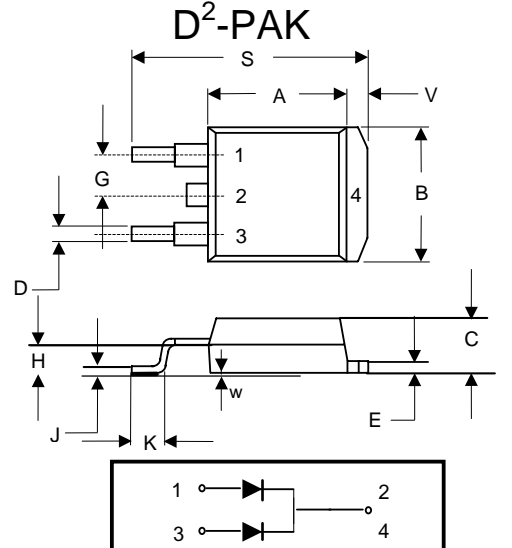
Features

- Lead Free Finish/RoHS Compliant(Note 1) ("P" Suffix designates RoHS Compliant. See ordering information)
Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1
Meatl of Silicon Rectifier, Majority Conductor
Halogen free available upon request by adding suffix "-HF"
Guard ring for transient protection
Low Forward Voltage Drop and Low Power Loss
High Current Capability, High Efficiency

Maximum Ratings

- Operating Temperature: -55°C to +125°C
Storage Temperature: -55°C to +150°C

Table with 4 columns: MCC Catalog Number, Maximum Recurrent Peak Reverse Voltage, Maximum RMS Voltage, Maximum DC Blocking Voltage. Rows include MBRB1030CT, MBRB1035CT, MBRB1040CT, MBRB1045CT, MBRB1050CT, MBRB1060CT.



Electrical Characteristics @ 25°C Unless Otherwise Specified

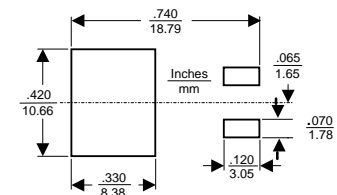
Table with 4 columns: Parameter, Symbol, Value, Conditions. Parameters include Average Forward Current, Peak Forward Surge Current, Maximum Instantaneous Forward Voltage, Maximum DC Reverse Current At Rated DC Blocking Voltage, Typical Junction Capacitance.

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

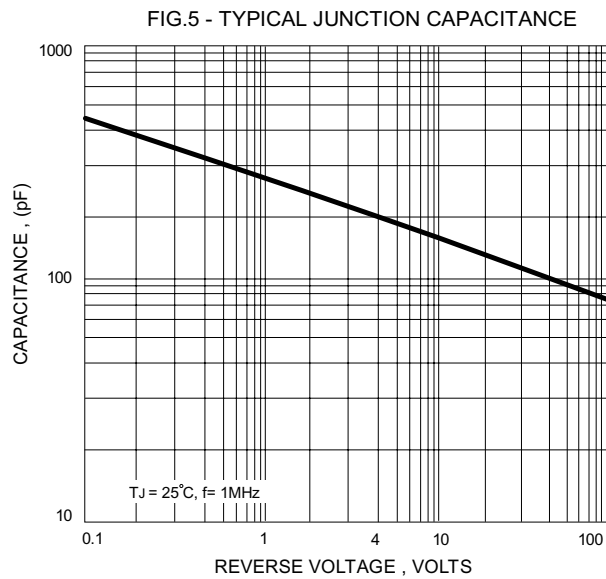
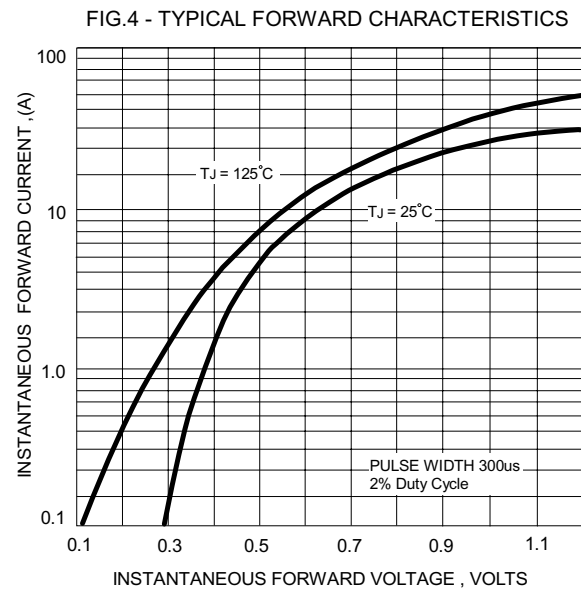
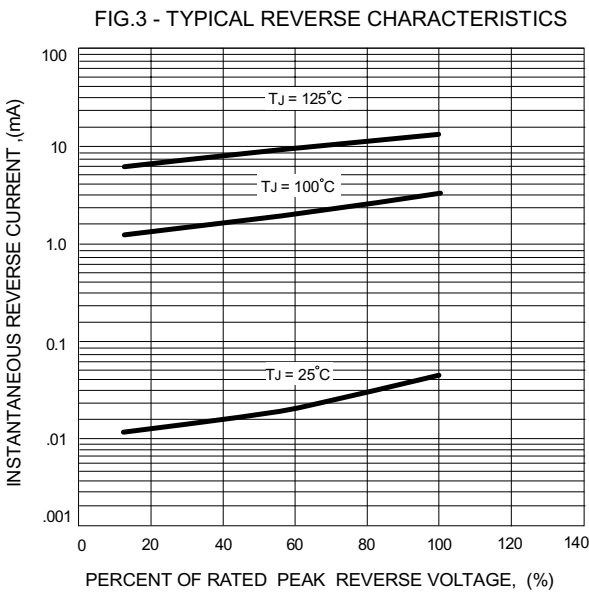
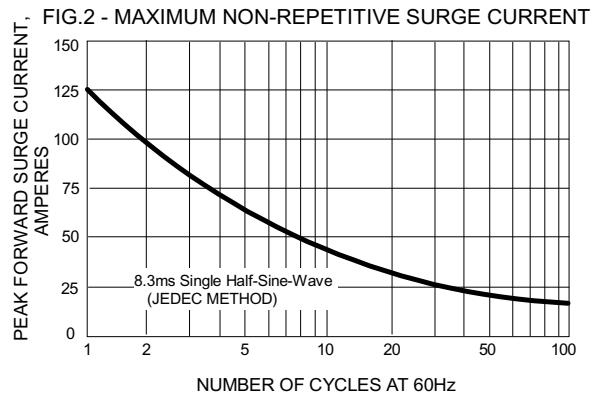
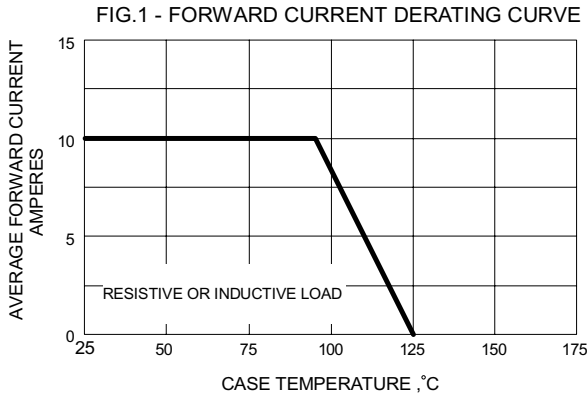
*Pulse Test: Pulse Width 300µsec, Duty Cycle 1%

DIMENSIONS table with columns for DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Dimensions include A, B, C, D, E, G, H, J, K, S, V, W.

SUGGESTED SOLDER PAD LAYOUT



RATING AND CHARACTERISTIC CURVES
MBRB1030CT thru MBRB1060CT





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Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 800pcs/Reel
Part Number-BP	Tube: 5Kpcs/Ctn

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

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