



Micro Commercial Components



Micro Commercial Components
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Features

- Diffused Junction
Low Forward Voltage Drop
High Current Capability
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)

Maximum Ratings

- UL Recognized File # E165989
Operating Temperature: -55°C to +150°C
Storage Temperature: -55°C to +150°C
Mounting Torque: 5.0 in-lbs Maximum

Table with 4 columns: MCC Part Number, Maximum Recurrent Peak Reverse Voltage, Maximum RMS Voltage, Maximum DC Blocking Voltage. Rows include KBJ6005G through KBJ610G.

Electrical Characteristics @ 25°C Unless Otherwise Specified

Table with 4 columns: Parameter, Symbol, Value, and Notes. Parameters include Maximum Average Forward Rectified Current, Peak Forward Surge Current, Maximum Forward Voltage, Maximum DC Reverse Current, I^2t Rating for fusing, Typical Thermal Resistance, and Typical Junction Capacitance.

Note 1: Unit Mounted on 75mm x 75mm x 1.6mm Cu Plate Heatsink

Note 2: High Temperature Solder Exemption Applied, see EU Directive Annex Notes 7

KBJ6005G THRU KBJ610G

6.0 Amp Glass Passivated Bridge Rectifiers 50 to 1000 Volts

KBJ

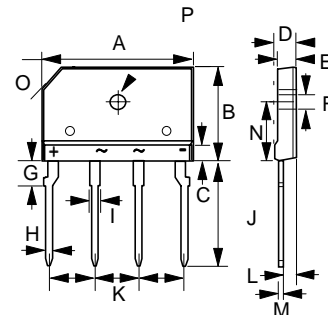


Table with 6 columns: DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Lists dimensions A through P.



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Ordering Information

Device	Packing
(Part Number)-BP	Bulk;1K/Box

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

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