



Micro Commercial Components



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

2KBP005
THRU
2KBP10

Features

- Halogen free available upon request by adding suffix "-HF"
Glass Passivate Die Construction
Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1
Ideal for Printed Circuit Boards
Lead Free Finish/Rohs Compliant (Note1) ("P" Suffix designates Compliant. See ordering information)

Maximum Ratings

- Operating Temperature: -55°C to +165°C
Storage Temperature: -55°C to +165°C

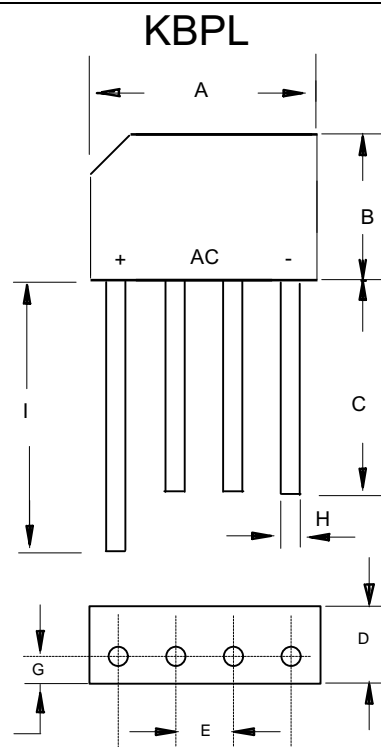
Table with 4 columns: MCC Part Number, Maximum Recurrent Peak Reverse Voltage, Maximum RMS Voltage, Maximum DC Blocking Voltage. Rows include 2KBP005 through 2KBP10.

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, Maximum DC Reverse Current At Rated DC Blocking Voltage.

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

2.0 Amp Glass
Passivated Bridge
Rectifier
50 to 1000 Volts



DIMENSIONS table with columns for DIM, INCHES (MIN, MAX), and MM (MIN, MAX). Rows correspond to dimensions A through I.

FIG. 1 - DERATING CURVE OUTPUT RECTIFIED CURRENT

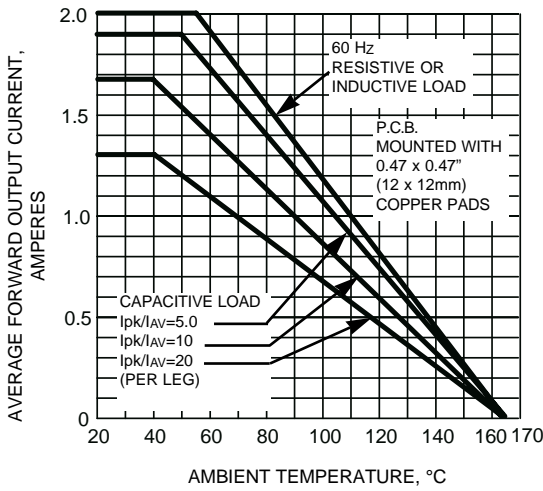


FIG. 2 - MAXIMUM NON-REPETITIVE PEAK FORWARD SURGE CURRENT PER LEG

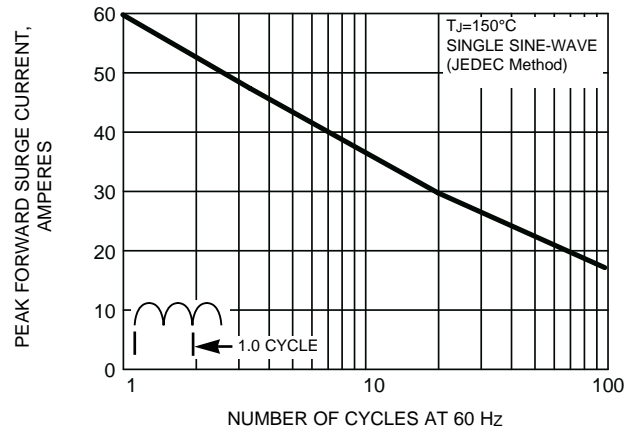


FIG. 3 - TYPICAL FORWARD CHARACTERISTICS PER LEG

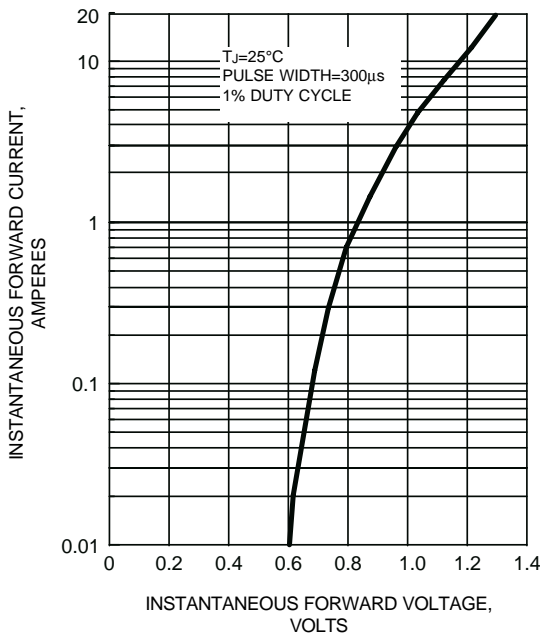


FIG. 4 - TYPICAL REVERSE LEAKAGE CHARACTERISTICS PER LEG

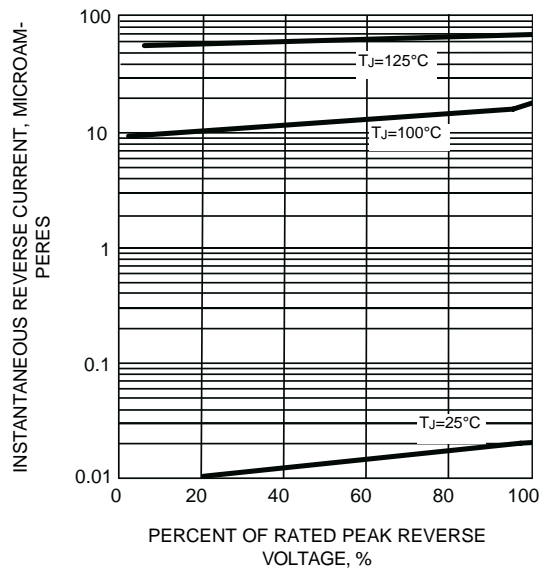
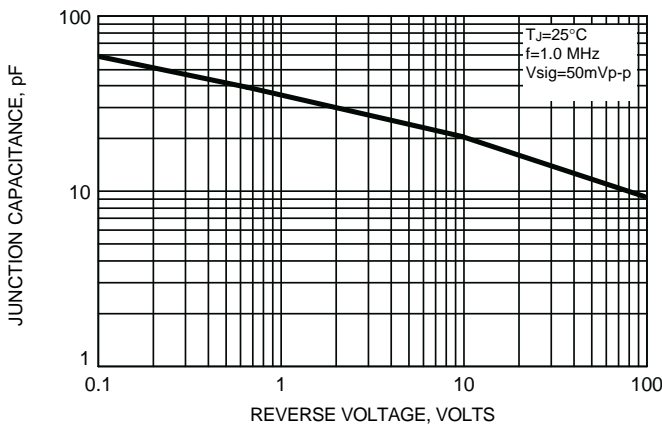


FIG. 5 - TYPICAL JUNCTION CAPACITANCE PER LEG





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Ordering Information :

Device	Packing
Part Number-BP	Bulk: 1Kpcs/Box

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

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