

20A GLASS PASSIVATED BRIDGE RECTIFIER

Reverse Voltage - 100 to 1000 V

Forward Current – 20A

FEATURES

- ◆ Surge overload rating-320 amperes peak
 - ◆ Polarity:As marked on body
 - ◆ Ideal for printed circuit board
 - ◆ Plastic material has U/L

The flammability classification 94V-0

 - ◆ Reliable low cost construction utilizing molded plastic

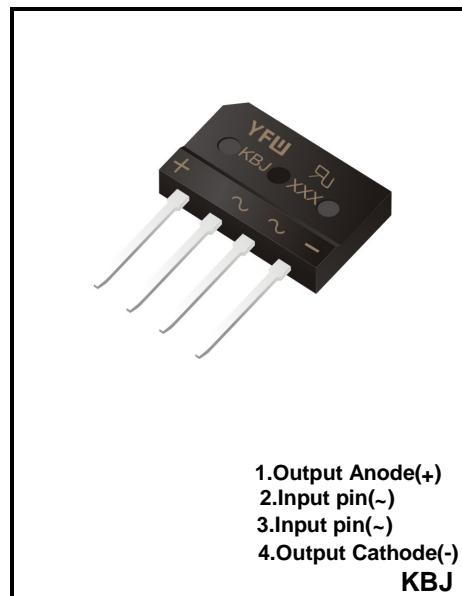
MECHANICAL DATA

- ◆ Case: KBJ
 - ◆ Terminals: Solderable per MIL-STD-750, Method 2026
 - ◆ Approx. Weight: 7.0g /0.26oz

Maximum Ratings and Electrical characteristics

Ratings at 25 °C ambient temperature unless otherwise specified.

Single phase half-wave 60 Hz, resistive or inductive load, for capacitive load current derate by 20 %.



(1) Measured at 1 MHz and applied reverse voltage of 4 V D.C.

(2) Device mounted on 75mm*75mm*1.6mm cu plate heatsink

Fig. 1 Derating Curve for Output Rectified Current

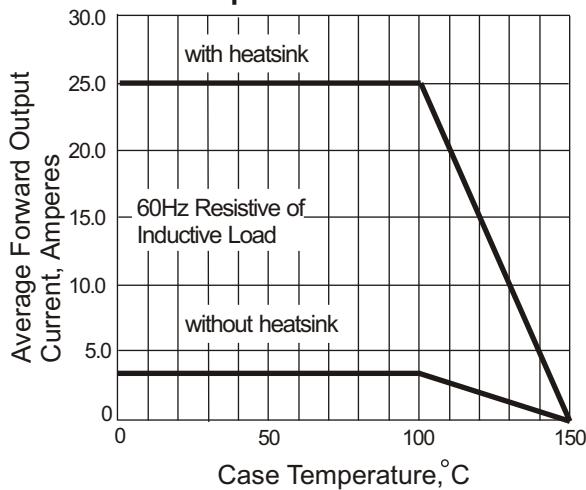


Fig. 3 Typical Instantaneous Forward Characteristics

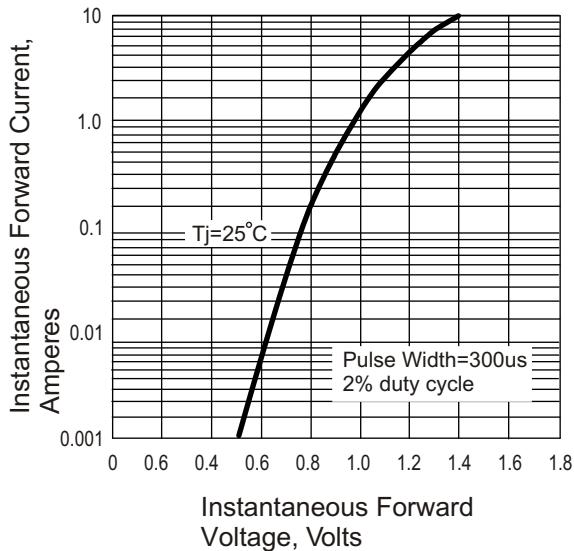


Fig. 2 Maximum Non-repetitive Peak Forward Surge Current

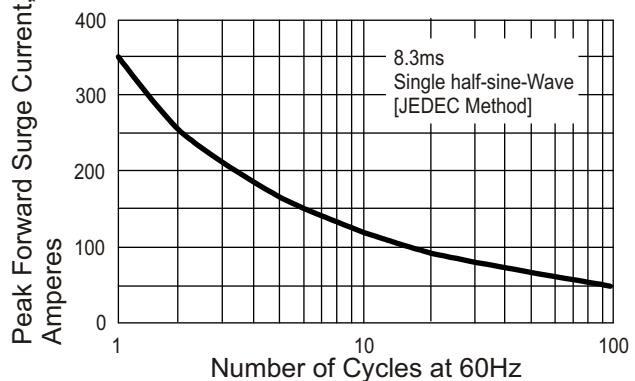


Fig. 4 Typical Reverse Characteristics at $T_J=25^\circ\text{C}$

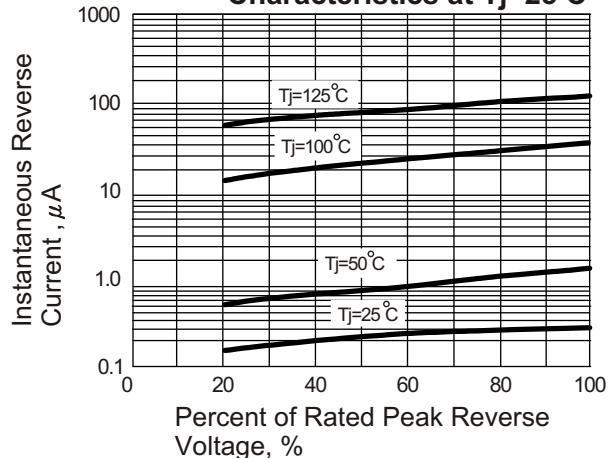
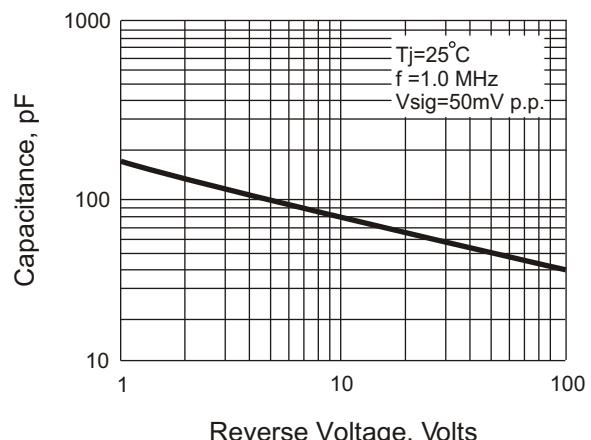
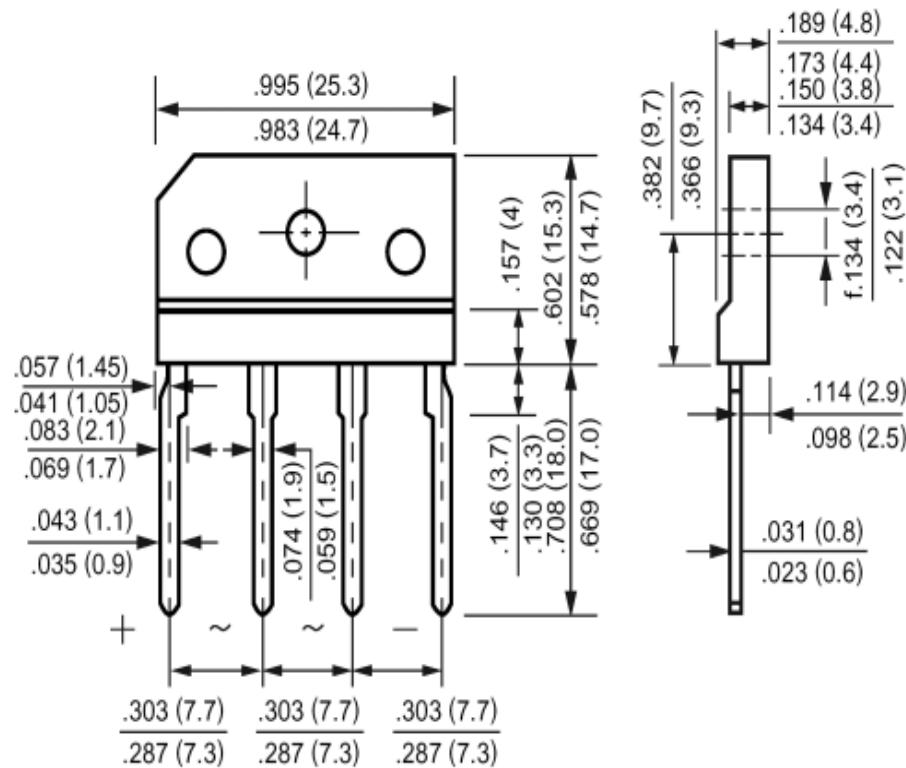


Fig. 5 Typical Junction Capacitance



Package Outline

KBJ



Summary of Packing Options

Package	Packing Description	Packing Quantity	Industry Standard
KBJ	BOX	250	EIA-481-1