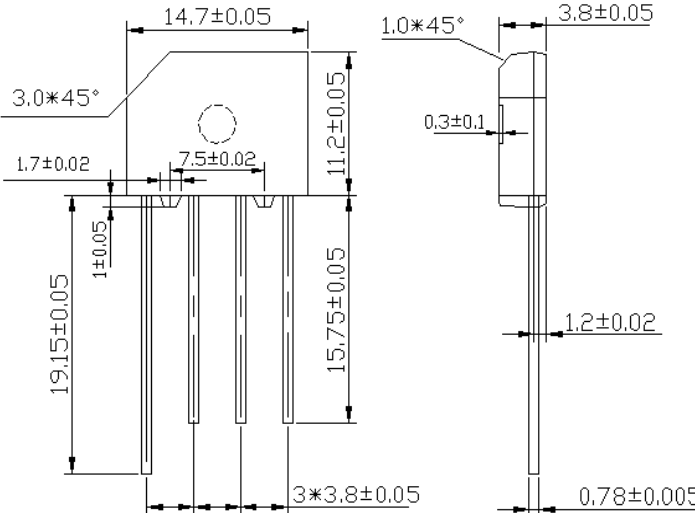


KBP2005thru KBP210

GLASS PASSIVATED BRIDGE RECTIFIERS	REVERSE VOLTAGE -50 to 1000 Volts FORWARD CURRENT -2.0 Amperes
FEATURES ● Surge overload rating-40amperes peak ● Ideal for printed circuit board ● Plastic material has Underwriters Laboratory Flammability Classification 94V-0 ● Mounting position :Any	KBP  The technical drawing shows the KBP Glass Passivated Bridge Rectifier from two perspectives: a top view and a side view. The top view illustrates the rectangular body with four mounting leads. Key dimensions include a total width of 14.7±0.05 mm, a central circular feature with a diameter of 7.5±0.02 mm, and lead widths of 3.0*45° and 1.7±0.02 mm. The side view shows the component's profile with a height of 19.15±0.05 mm, a base width of 15.75±0.05 mm, and a lead thickness of 0.78±0.005 mm. Other dimensions include a 1.0*45° chamfer, a 3.8±0.05 mm lead length, and a 0.3±0.1 mm internal feature. Dimensions in millimeters

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating at 25°C ambient temperature unless otherwise specified.

Resistive or inductive load, 60HZ.

For capacitive load, derate current by 20%

[illegible]

RATING AND CHARACTERISTIC CURVES

KBP2005 thru KBP210

FIG.1-FORATING CURVE
OUTPUT RECTIFIED CUURRENT

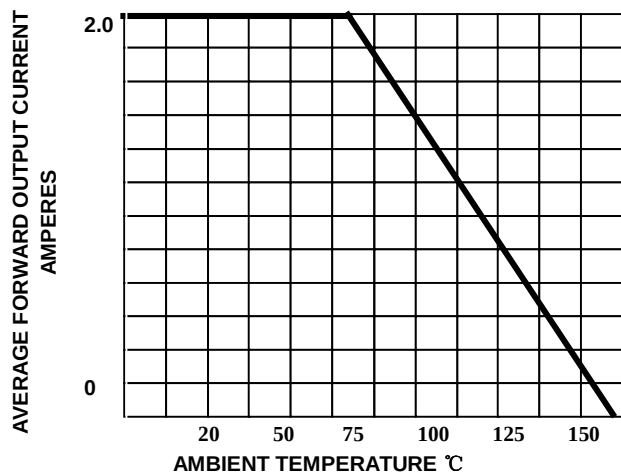


FIG.2-TYPICAL FORWARD CHARACTERISTICS

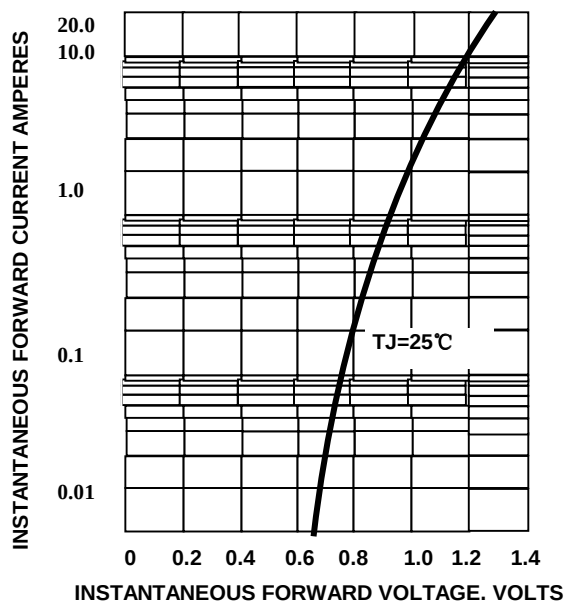


FIG.3-TYPIACL REVERSE CHARACTERISTICS

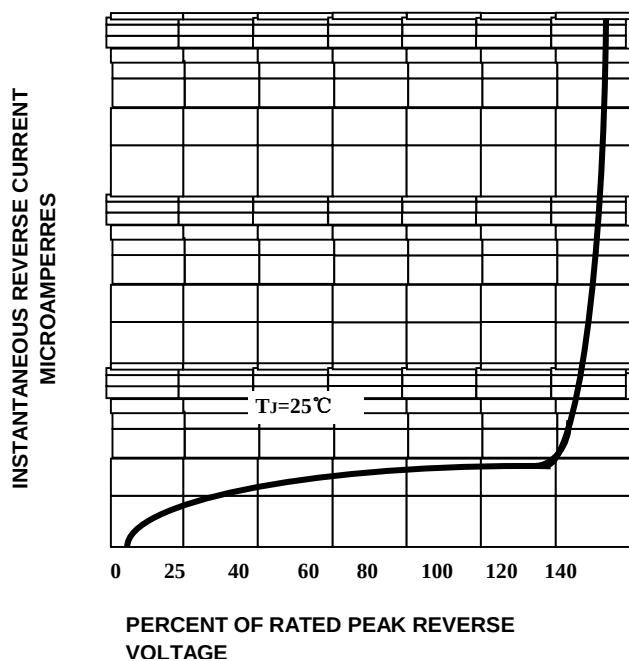


FIG.4-MAXIMUM FORWARD SURGE CURRENT

