

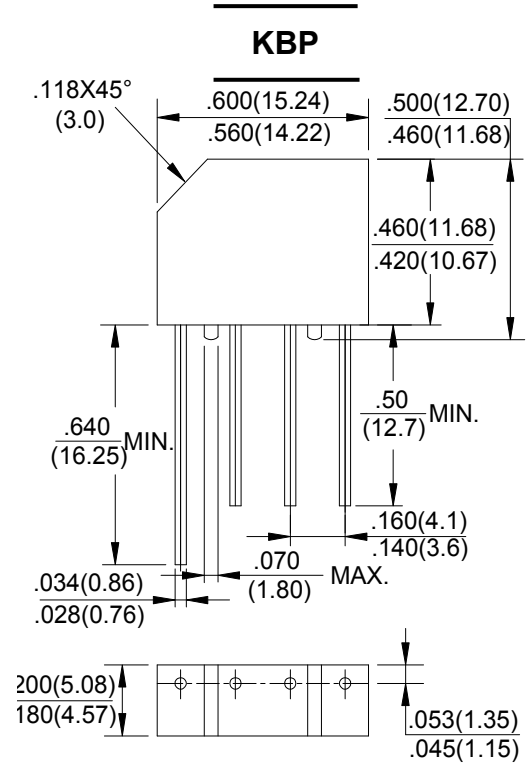
**GLASS PASSIVATED
BRIDGE RECTIFIERS**

REVERSE VOLTAGE - **50 to 1000** Volts
FORWARD CURRENT - **3.0** Ampere

Features

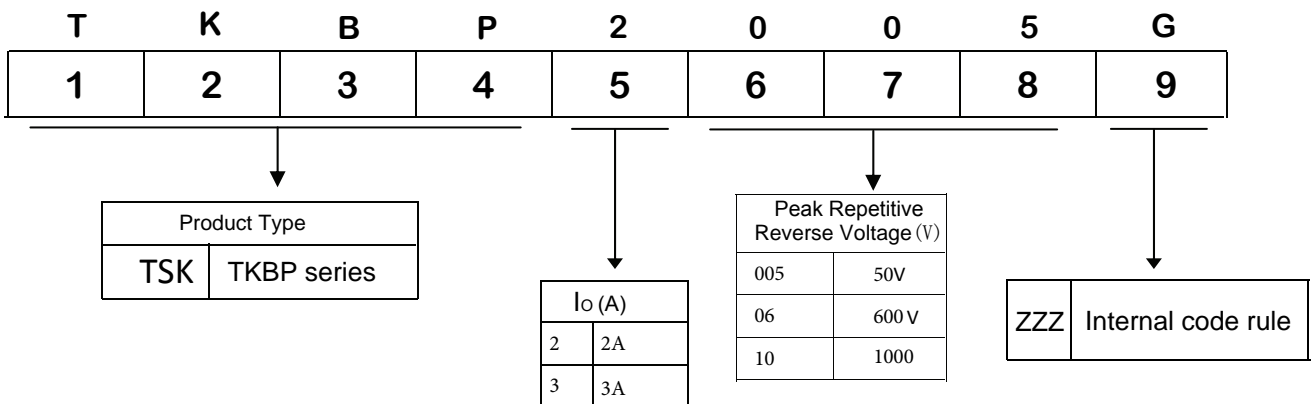
- Surge overload rating -80 amperes peak
- Ideal for printed circuit board
- Plastic material has UL flammability classification 94V-0
- Mounting position:Any

Dimensions In Inches and (millimeters)



Dimensions in inches and (millimeters)

Part Number Code



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%

CHARACTERISTICS	SYMBOL	TKBP 3005G	TKBP 301G	TKBP 302G	TKBP 304G	TKBP 306G	TKBP 308G	TKBP 310G	UNIT
Maximum Recurrent Peak Reverse Voltage	VRRM	50	100	200	400	600	800	1000	V
Maximum RMS Bridge Input Voltage	VRMS	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	VDC	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Output Current @TA=50 °C	I(AV)	3.0							A
Peak Forward Surge Current , 8.3ms Single Half Sine-Wave Super Imposed on Rated Load	IFSM	80							A
Maximum Forward Voltage Drop Per Bridge Element at 3.0A Peak	VF	1.1							V
Maximum Reverse Current at Rated DC Blocking Voltage Per Element	IR	10.0							µA
Maximum Reverse Current at Rated DC Blocking Voltage Per Element @TA=100°C	IR	1.0							mA
Operating Temperature Range TJ	TJ	-55 to +150							°C
Storage Temperature Range TA	TSTG	-55 to +150							°C

RATING AND CHARACTERISTIC CURVES

FIG.1-DERATING CURVE
OUTPUT RECTIFIED CURRENT

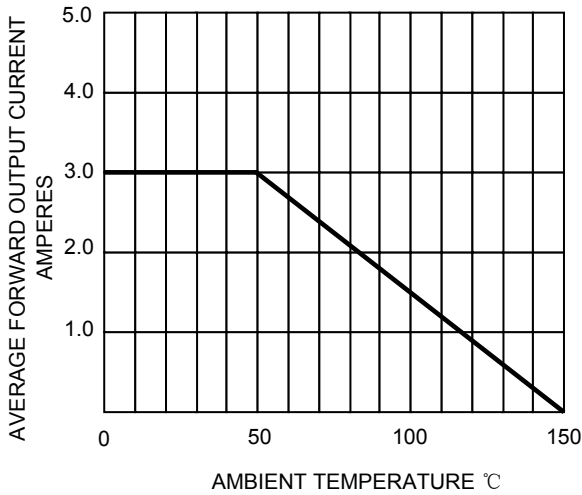


FIG.2-TYPICAL FORWARD CHARACTERISTICS

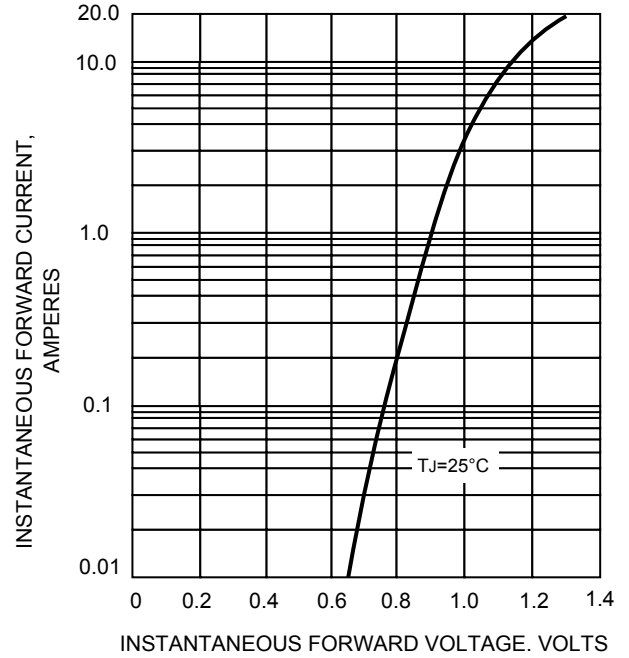


FIG.3-TYPICAL REVERSE CHARACTERISTICS

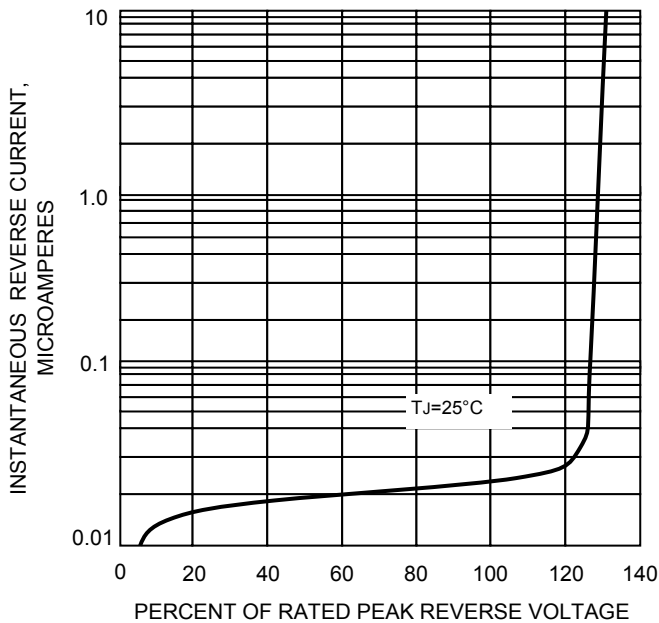
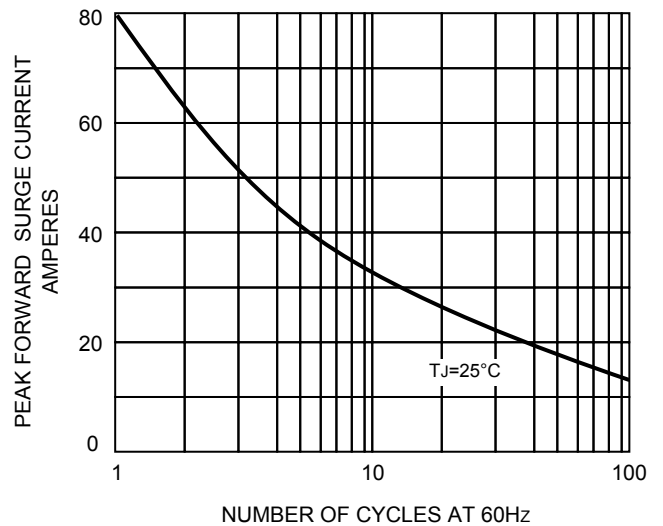


FIG.4-MAXIMUM FORWARD SURGE CURRENT



The cruve graph is for reference only, can't be the basis for judgment(曲线图仅供参考)!