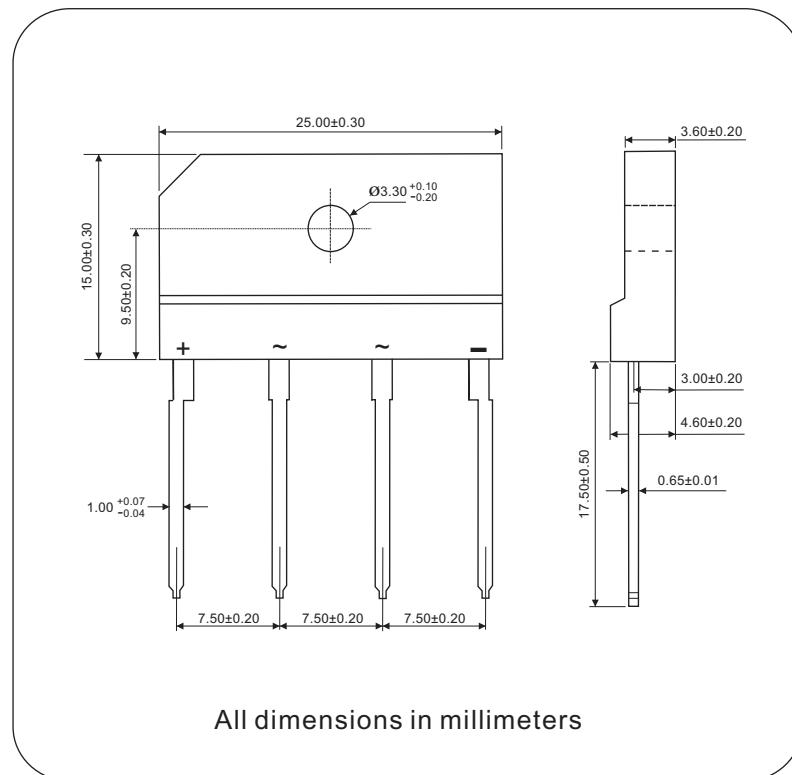
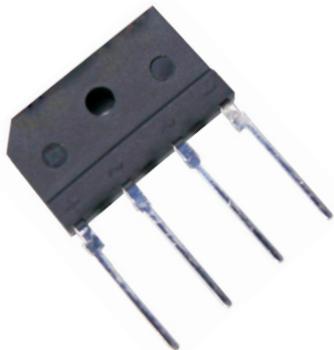


Glass Passivated Single-Phase Bridge Rectifier, 20A

KBJ2004 Thru KBJ2012



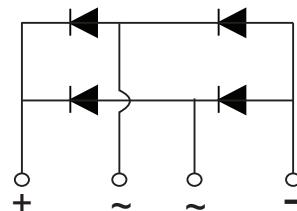
FEATURES

- UL recognition file number E320098
- Typical IR less than 2.0 μ A
- High surge current capability
- Low thermal resistance
- Compliant to RoHS
- Isolation voltage up to 2500V



TYPICAL APPLICATIONS

General purpose use in AC/DC bridge full wave rectification for big power supply, field supply for DC motor, industrial automation applications.

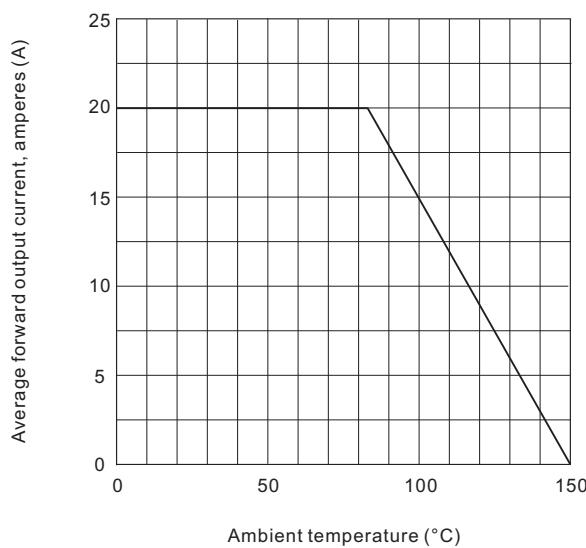
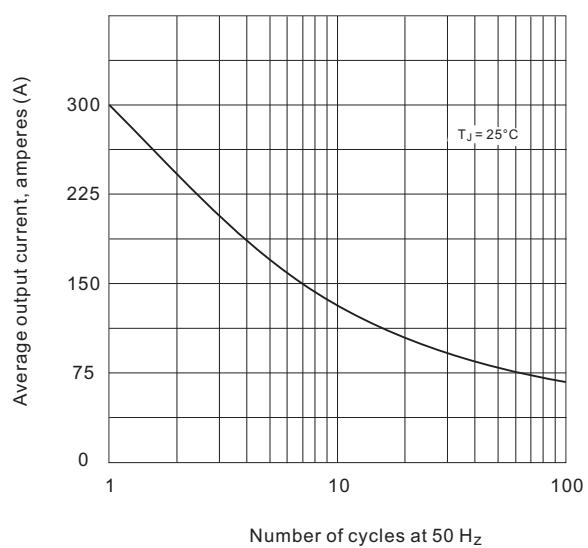
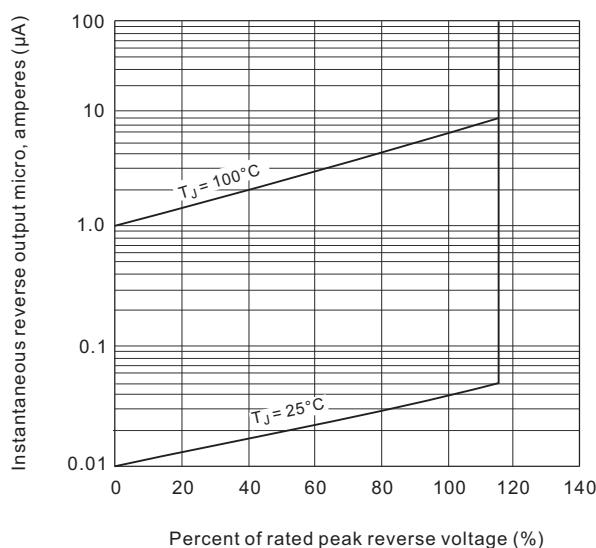


ADVANTAGE

- International standard package
- Epoxy meets UL 94 V-O flammability rating
- Small volume, light weight
- Small thermal resistance
- High heat-conduction rate
- Low temperature rise
- High temperature soldering guaranteed : 260°C/10 second, 2.3kg tension force
- Weight: 4.0g (0.14 ozs)

PRIMARY CHARACTERISTICS

I _{F(AV)}	20A
V _{RRM}	400V to 1200V
I _{FSM}	300A
I _R	5 μ A
V _F	1.10V
T _{J max.}	150°C

Fig.1 Derating curve for output rectified current

Fig.2 Maximum non-repetitive peak forward surge current per bridge element

Fig.3 Typical reverse characteristics per bridge element

Fig.4 Typical forward characteristics per bridge element
