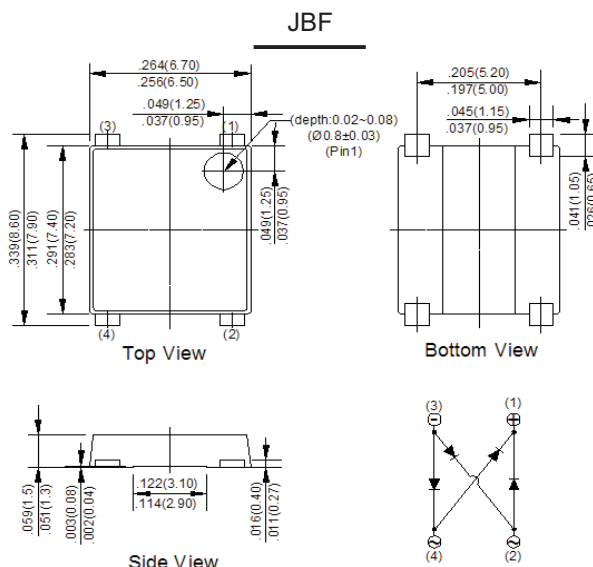


FEATURES

- Plastic package has Underwriters Laboratory Flammability Classification 94V-0
- Glass passivated chip junction
- High surge forward current capability
- High temperature soldering guaranteed: 260°C/10 seconds at terminals
- Component in accordance with RoHS 2011/65/EU

APPLICATIONS

- Case: JBF molded plastic body
- Terminals: Plated leads solderable per MIL-STD-202, method 208
- Mounting Position: Any



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

(Rating at 25°C ambient temperature unless otherwise specified. Single phase, half wave, 60Hz, resistive or inductive load. For capacitive load, derate current by 20%.)

	Symbols	JBF 410				Units
Maximum Recurrent Peak Reverse Voltage	V _{RRM}	1000				Volts
Maximum RMS Voltage	V _{RMS}	700				Volts
Maximum DC Blocking Voltage	V _{DC}	1000				Volts
Maximum Average Forward Rectified Current	I _{AV}	4.0				Amp
Peak Forward Surge Current 8.3ms single half sine-wave superimposed on rated load (JEDEC method)	I _{FSM}	120				Amps
Rating for fusing (t<8.3ms)	I ² t	59.76				A ² s
Forward Voltage @I _F =2.0A @I _F =4.0A	V _F	TYP.	0.90	MAX.	0.95	Volts
		TYP.	0.95	MAX.	1.0	
Reverse Current @TA=25°C @TA=125°C	I _R	TYP.	0.5	MAX.	5	μA
		TYP.	20	MAX.	50	
Typical thermal resistance	R _{θJC}	10				°C/W
Operating temperature range	T _J	-55 to +150				°C
Storage temperature range	T _{STG}	-55 to +150				°C

RATINGS AND CHARACTERISTIC CURVES JBF410

FIG.1-MAXIMUM FORWARD SURGE CURRENT

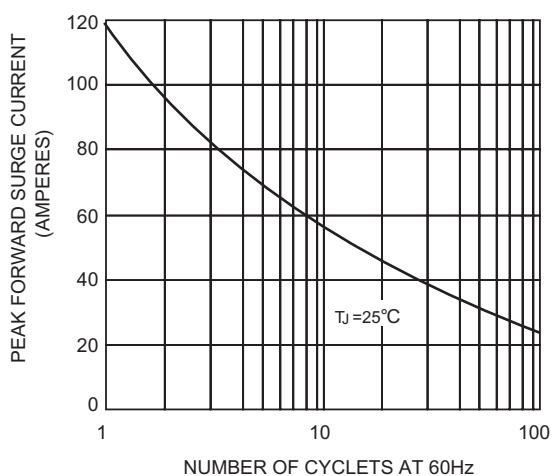


FIG.2-FORWARD CURRENT DERATING CURVE

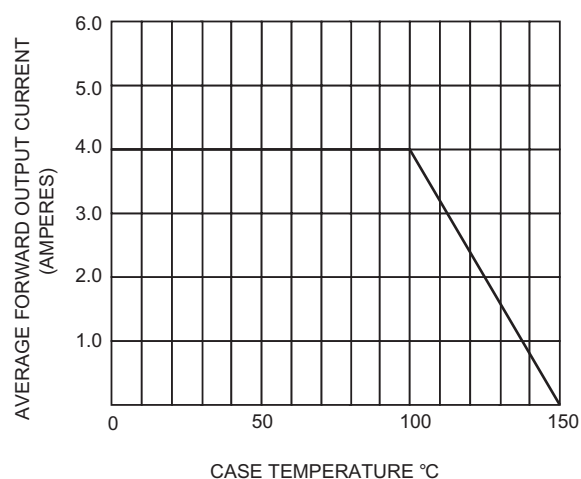


FIG.3-TYPICAL FORWARD CHARACTERISTICS

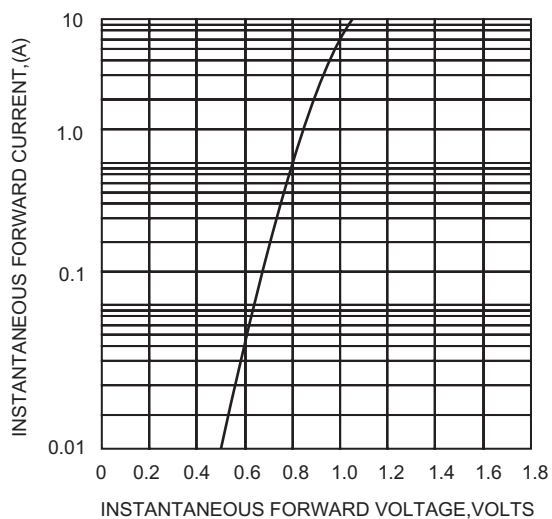
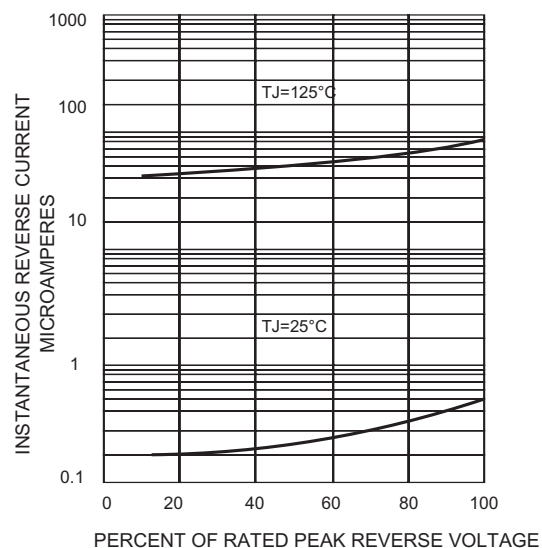


FIG.4 -TYPICAL REVERSE CHARACTERISTICS



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Bridge Rectifiers](#) category:

Click to view products by [Jing Heng](#) manufacturer:

Other Similar products are found below :

[G3SBA60-E351](#) [GBJ1504-BP](#) [GBU10B-BP](#) [GBU15J-BP](#) [GBU15K-BP](#) [GBU4A-BP](#) [GBU4D-BP](#) [GBU6B-E3/45](#) [GSIB680-E3/45](#) [DB101-BP](#) [DF10SA-E345](#) [RMB2S](#) [RCG](#) [APT30DF100HJ](#) [APT60DF20HJ](#) [B2S-E3/80](#) [BU1506-E351](#) [BU15085S-E345](#) [BU1508-E3/45](#) [BU1510-E3/45](#) [RS404GL-BP](#) [RS405GL-BP](#) [G3SBA20-E3/51](#) [G5SBA20-E3/51](#) [G5SBA60-E3/51](#) [GBJ1502-BP](#) [GBL02-E351](#) [GBL10-E3/45](#) [GBU10J-BP](#) [GBU4J-BP](#) [GBU4K-BP](#) [GBU8B-E3/45](#) [GBU8D-BP](#) [GBU8J-BP](#) [GSIB1520-E3/45](#) [MB1510](#) [MB352W](#) [MB6M-G](#) [B2M-E345](#) [B40C7000A](#) [B500C7000A](#) [MP5010W-BP](#) [MP501W-BP](#) [MP502-BP](#) [BR1005-BP](#) [BR101-BP](#) [BU1006-E345](#) [BU12065S-E3/45](#) [BU1508-E3/51](#) [BU2006-E3/45](#) [BU2008-E345](#)