

FEATURES

- * Ideal for printed circuit board
- * Reliable low cost construction utilizing molded plastic technique
- * High surge current capability
- * Polarity: Symbol molded on body
- * Mounting position: Any
- * Weight: 0.12 grams

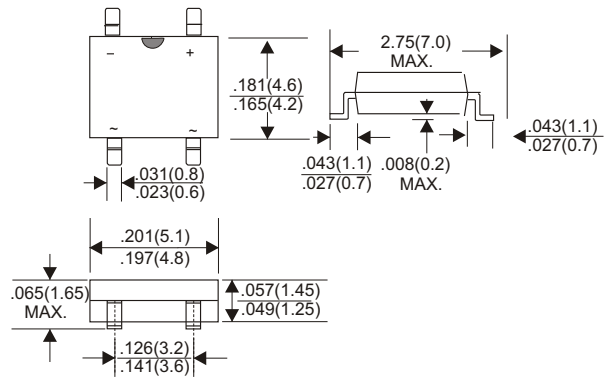
VOLTAGE RANGE

200 to 600 Volts

CURRENT

1.0 Ampere

ABS



Dimensions in inches and (millimeters)

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

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

TYPE NUMBER	EBS2	EBS4	EBS6	UNITS
Maximum Recurrent Peak Reverse Voltage	200	400	600	V
Maximum RMS Voltage	140	280	480	V
Maximum DC Blocking Voltage	200	400	600	V
Maximum Average Forward Rectified Current at Ta=25°C		1.0		A
Peak Forward Surge Current, 8.3 ms single half sine-wave superimposed on rated load (JEDEC method)		30		A
Maximum Forward Voltage Drop per Bridge Element at 0.5A D.C.	1.0	1.3	1.7	V
Maximum DC Reverse Current Ta=25°C		5.0		µA
at Rated DC Blocking Voltage Ta=100°C		200		µA
Maximum Reverse Recovery Time (Note 1)		35		nS
Typical Junction Capacitance (Note 2)		15		pF
Typical Thermal Resistance R JA (Note 3)		75		°C/W
Operating and Storage Temperature Range Tj, Tstg NOTES: 1. Mounted on P.C. Board.		-65 — +150		°C

2. Thermal Resistance Junction to Ambient.

RATING AND CHARACTERISTIC CURVES (EBS2 THRU EBS6)

FIG.1- TEST CIRCUIT DIAGRAM AND REVERSE RECOVERY TIME CHARACTERISTIC

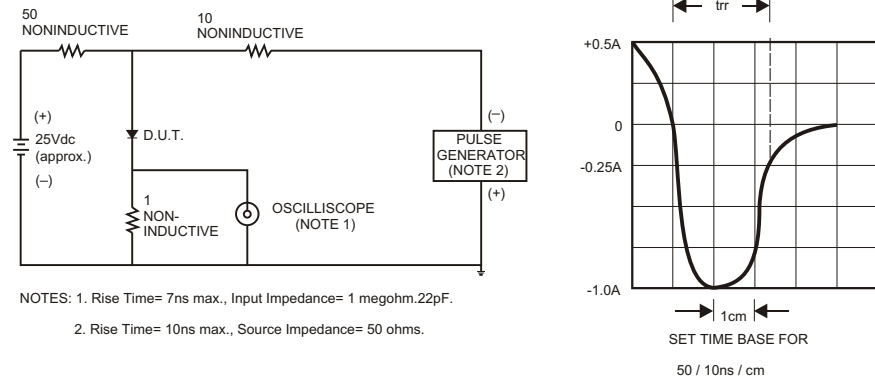


FIG.2-TYPICAL FORWARD CURRENT DERATING CURVE

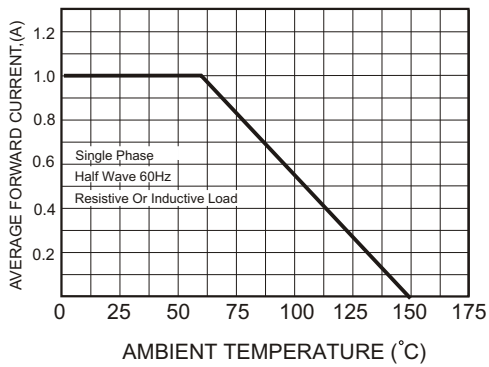


FIG.2-MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

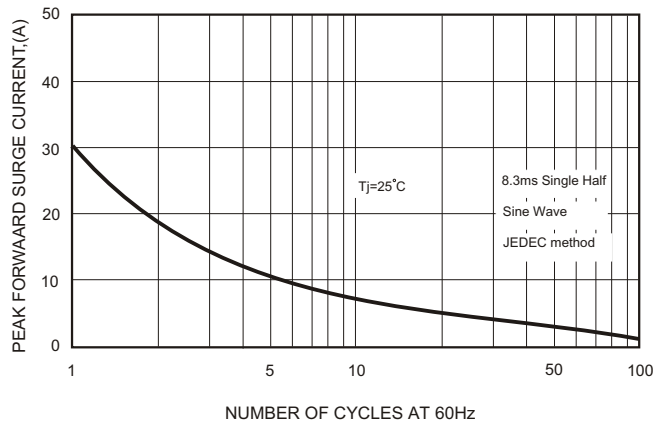


FIG.4-TYPICAL FORWARD CHARACTERISTICS

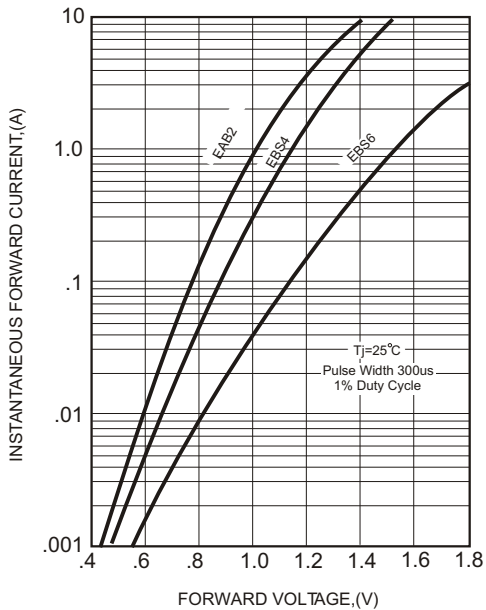
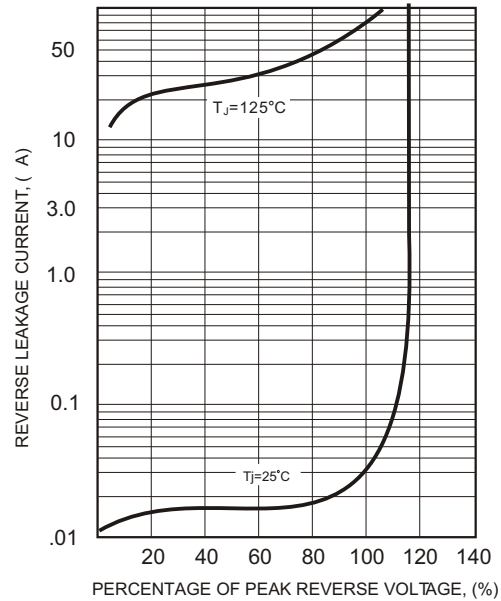


FIG.5-TYPICAL REVERSE CHARACTERISTICS



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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

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

Other Similar products are found below :

[MB2510](#) [MB252](#) [MB356G](#) [MB358G](#) [MP358-BP](#) [90MT160KPBF](#) [GBJ1504-BP](#) [GBU10B-BP](#) [GBU15K-BP](#) [GBU4A-BP](#) [GBU4D-BP](#)
[GBU6B-E3/45](#) [GSIB680-E3/45](#) [DB101-BP](#) [DBA100G](#) [DBA40G](#) [DBF250G](#) [DF01](#) [DF10SA-E345](#) [BU1508-E3/45](#) [BU1510-E3/45](#) [KBPC50-](#)
[10S](#) [RS405GL-BP](#) [G5SBA60-E3/51](#) [GBJ1502-BP](#) [GBU10J-BP](#) [GBU6M](#) [GBU8D-BP](#) [GBU8J-BP](#) [GSIB1520-E3/45](#) [TB102M](#) [MB1510](#)
[MB6M-G](#) [MB86](#) [TL401G](#) [MDA920A2](#) [TU602](#) [TU810](#) [MP501W-BP](#) [MP502-BP](#) [BR1005-BP](#) [BR101-BP](#) [BR84DTP204](#) [BU1010A-E3/51](#)
[BU1508-E3/51](#) [BU2008-E3/51](#) [US15KB80R-7000](#) [KBPC25-02](#) [VS-2KBB60](#) [VS-60MT120KPBF](#)