

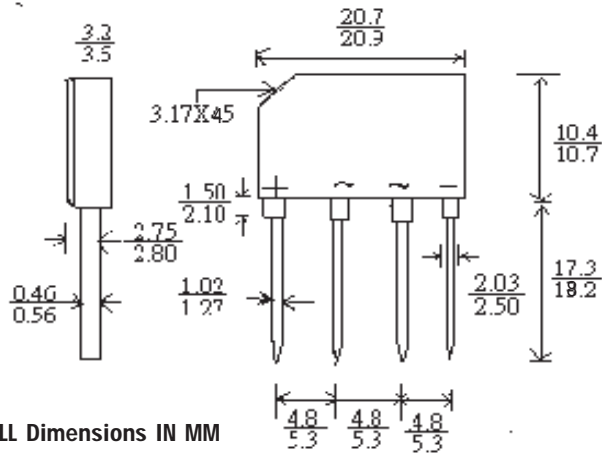
GBL400G~GBL410G SERIES

DESCRIPTION



GBL

MECHANICAL DIMENSIONS



Features

- GLASS PASSIVATED
- LOW POWER VOLTAGE DROP
- IDEAL FOR PRINTED CIRCUIT
- High Current Capability
- High RELIABILITY
- UL RECOGNIZE

MECHANICAL DATA

- CASE MOLDED PLASTIC
- TERMINAL AND PLATED LEADS SOLDERABLE
- PER-MIL-STD-202, METHOD 208
- POLARITY : AS MARKING ON BODY
- WEIGHT:2.0 GRAMS(APPROX)
- MOUNTING POSITION:ANY

Electrical Characteristics@25C	Symbol	GBL400G.....GBL410G							Unit
		00	01	02	04	06	08	10	
Average Forward Current, I _o at T _c =150C 60HZ, Resistive Or Inductive Load	I _F	4.0							A(DC)
Peak Reverse Voltage, Repetitive:VRRM	VRRM	50	100	200	400	600	800	1000	V(DC)
DC Reverse Voltage, VR	V(DC)	50	100	200	400	600	800	1000	
Maximum RMS Voltage	VRMS	35	70	140	280	420	560	700	
Max. Inst Forward Voltage Drop. VF at 80Amp	VF	1.0							V
Peak Forward Surge Current, IFM(surge): 8.3ms. Single Half Sine-Wave Superimposed On Rated Load (JEDEC method)	IFSM	150							A
Maximum Reverse Current IR At Rated DC Reverse Voltage. TC= 25C	IR	5.0							uA
Maximum Reverse Current IR At Rated DC Reverse Voltage. TC=125C	IR	500							uA
Maximum Thermal Resistance, Junction To Case (single side cooled)	R _{θJA} /R _{θJL}	22/3.5							C/W
Operating And Storage Temperature Range	T _j ; T _{strg}	-55 to +155							C

4.0 Amp GLASS PASSIVATED BRIDGE RECTIFIER

GBL400G...GBL410G Serie

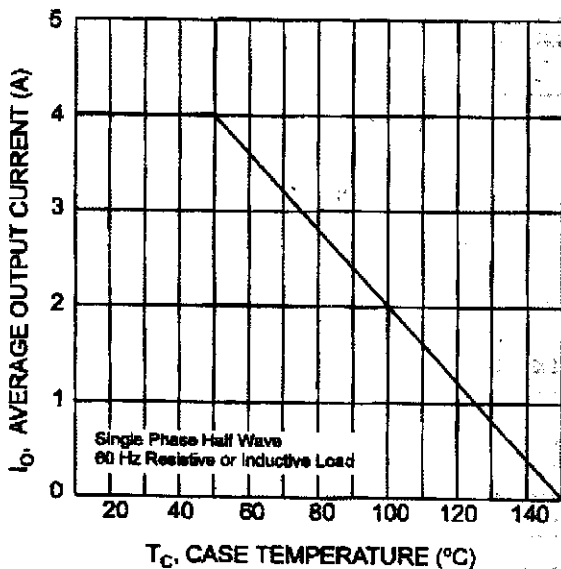


Fig. 1 Forward Current Derating Curve

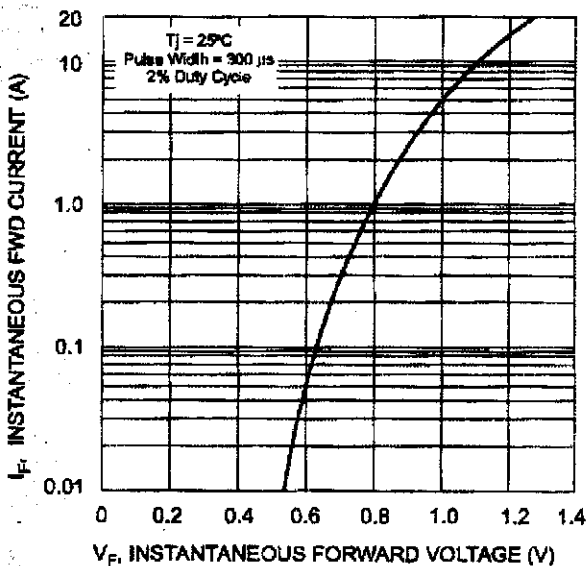


Fig. 2 Typical Forward Characteristics, per element

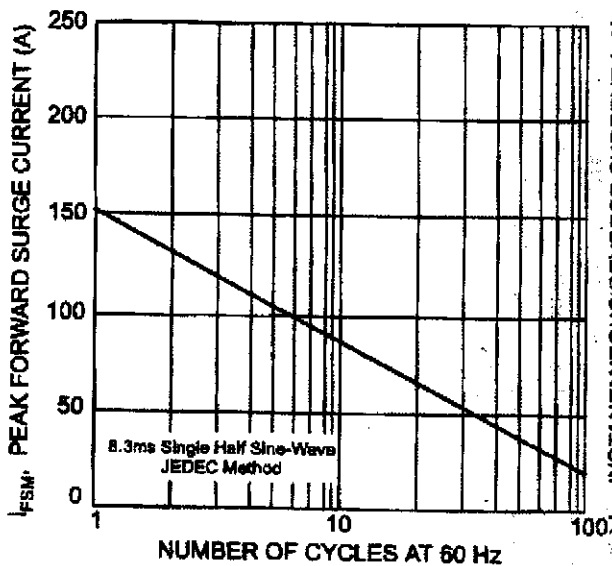


Fig. 3 Max Non-Repetitive Peak Fwd Surge Current

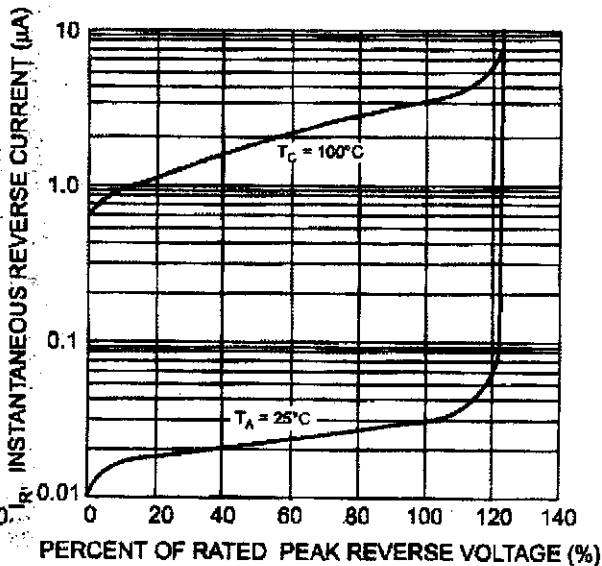


Fig. 4 Typical Reverse Characteristics, per element