

## GBL408 thru GBL410

#### **GLASS PASSIVATED BRIDGE RECTIFIERS**

REVERSE VOLTAGE - 800 to 1000 Volts FORWARD CURRENT - 4.0 Amperes

#### **FEATURES**

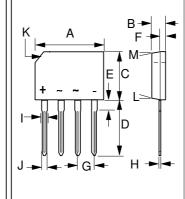
- Rating to 1000V PRV
- Ideal for printed circuit board
- Reliable low cost construction utilizing molded plastic technique
- The plastic material has UL flammability classification 94V-0
- UL Recognition File # E95060

#### **MECHANICAL DATA**

Polarity: As marked on bodyWeight: 0.09 ounces, 2.52 grams

• Mounting position : Any

# GBL



GBL				
DIM.	MIN.	MAX.		
Α	20.2	20.8		
В	3.30	3.70		
С	10.70	11.30		
D	17.50	18.00		
E	2.30	2.70		
F	0.80	1.20		
G	4.83	5.33		
Н	0.40	0.60		
I	1.95	2.35		
J	1.02	1.27		
K	3.5 Typ.			
L	-	5°		
М	-	5°		
All Dimensions in millimeter				

#### MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

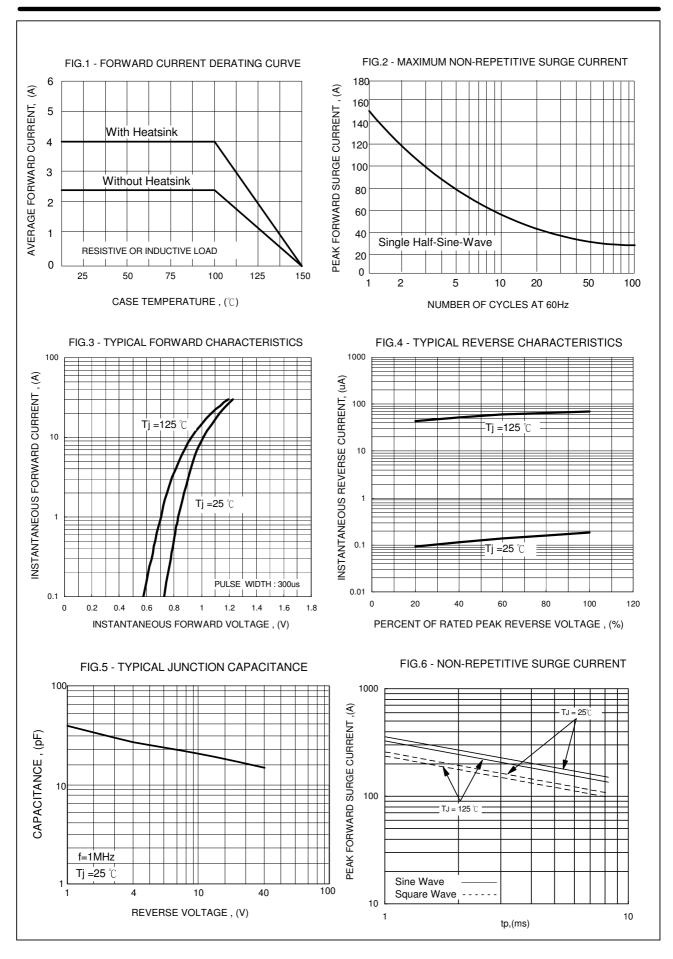
Ratings at 25°C ambient temperature unless otherwise specified.

1			
SYMBOL	GBL408	GBL410	UNIT
VRRM	800	1000	V
VRMS	560	700	V
VDC	800	1000	V
I(AV)	4.0 2.4		А
IFSM			А
IFSM	360 330		А
VF	1		V
lR	5 500		uA
l <sup>2</sup> t	9	3	A <sup>2</sup> S
Cì	3:	5	pF
Rejc Rejl Reja	4	.0	°C/W
Rejc	5	.0	°C/W
TJ	-55 to	+150	°C
Tstg	-55 to	+150	°C
	VRRM VRMS VDC I(AV) IFSM IFSM VF IR I²t CJ ReJC ReJL ReJA ReJC TJ	VRRM         800           VRMS         560           VDC         800           I(AV)         4.           IFSM         15           IFSM         36           VF         1           IR         50           I²t         9           CJ         33           ReJC         4           ReJL         4           ReJA         10           ReJC         5           TJ         -55 to	VRRM         800         1000           VRMS         560         700           VDC         800         1000           I(AV)         2.4           IFSM         150           135         135           IFSM         360           330         VF           I         1           IR         5           500         500           I²t         93           CJ         35           ReJC         4.2           ReJL         4.0           ReJA         10.0           ReJC         5.0           TJ         -55 to +150

NOTE: 1. Measured at 1.0 MHz and applied reverse voltage of 4.0V DC. 2.Unit Mounted on 50 x 50 x 1.6 mm Cu Plate Heatsink.

REV.12, Nov-2013, KBDQ04







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