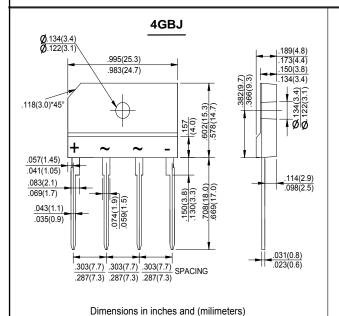


4GBJ10005 THRU 4GBJ1010

GLASS PASSIVATED BRIDGE RECTIFIERS

Reverse Voltage - 50 to 1000 Volts Forward Current - 10.0 Amperes



FEATURES

- → Rating to 1000V PRV
- Ideal for printed circuit board
- Low forward voltage drop, high current capability
- Reliable low cost construction utilizing molded plastic technique results in inexpensive product
- The plastic material has U/L flammability classification 94V-0

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

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

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SYMBOLS	4GBJ 10005	4GBJ 1001	4GBJ 1002	4GBJ 1004	4GBJ 1006	4GBJ 1008	4GBJ 1010	UNITS
Vrrm	50	100	200	400	600	800	1000	VOLTS
VRMS	35	70	140	280	420	560	700	VOLTS
VDC	50	100	200	400	600	800	1000	VOLTS
l(AV)	10.0 3.0							Amps
IFSM	210.0							Amps
l ² t	183							A²s
VF	1.0							Volts
VF	1.1							Volts
1-	10							μΑ
IR	500							μΑ
C¹	55							pF
RθJA	1.4						°C/W	
TJ	-55 to +150							°C
Тѕтс	-55 to +150							°C
	VRRM VRMS VDC I(AV) IFSM I ² t VF VF IR CJ RθJA TJ	10005 VRRM 50 VRMS 35 VDC 50 I(AV) IFSM I²t VF VF IR CJ RθJA TJ T1005 T1005 TJ T1005 T1005	Tour Tour	Vrrm 50 1001 1002 Vrrm 50 100 200 Vrms 35 70 140 Vdc 50 100 200 I(AV) IFSM I²t VF VF VF R CJ RθJA TJ -	Var Var	Var Solid 1001 1002 1004 1006 Var Solid 100 200 400 600 Var Solid 100 100 Var Solid 100 Var Solid 100 10	Var Solution 1000 1004 1006 1008	NRM

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NOTES: 1.Measured at 1.0MHz and applied reverse voltage of 4.0V DC.

- 2.Device mounted on 75mm*75mm*1.6mm cu plate heatsink.
- 3. The typical data above is for reference only(



RATINGS AND CHARACTERISTIC CURVES 4GBJ10005 THRU 4GBJ1010

