



GBP4005 THRU GBP410

Bridge Rectifiers

Features

- UL recognition, file #E230084
- Glass passivated chip junction
- Ideal for printed circuit boards
- High surge current capability
- Solder dip 275 °C max. 7 s, per JESD 22-B106

Typical Applications

General purpose use in AC/DC bridge full wave rectification for monitor, TV, printer, power supply, switching mode power supply, adapter, audio equipment, and home appliances applications.

Mechanical Data

- Package:** GBP
- Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant
- Terminals:** Tin plated leads, solderable per J-STD-002 and JESD22-B102
- Polarity:** As marked on body

Maximum Ratings (T_a=25 °C Unless otherwise specified)

			PARAMV 50	100	200	400	600	800	1000		
Maximum RMS Voltage	VRMS	V			35	+ 0	140	280	420	560	+ 00
Maximum DC blocking Voltage	VDC	V			50	100	200	400	600	800	1000
Average rectified output current 4 60Hz sine wave, R-load, Tj=25	IO	A	4.0								
Forward Surge Current (Non-repetitive) @60Hz Half-sine wave, 1 cycle, Tj=25	IFSM	A	110								
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, Tj=25 Current squared time @1ms t 8.3ms Tj=25			220								



Outline Dimensions

GBP		
Dim	Min	Max



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