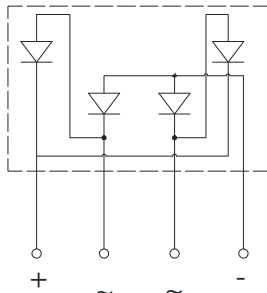


UL recognition, file #E230084
Glass passivated chip junction
Thin single in-line package
High surge current capability
Solder dip 275 °C max. 7 s, per JESD 22-B106

General purpose use in AC/DC bridge full wave rectification for switching power supply, home appliances, office equipment, industrial automation applications.



: 6KBJ

Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant

: Tin plated leads, solderable per J-STD-002 and JESD22-B102
As marked on body

($T_a=25$ Unless otherwise specified)

Device marking code			GBJL3508	
Maximum Repetitive Peak Reverse Voltage	VRRM	V	800	
Maximum RMS Voltage	VRMS	V	560	
Maximum DC blocking Voltage	VDC	V	800	
Average rectified output current @60Hz sine wave, R-load	With heatsink $T_c=85$	IO	A	35.0
	Without heatsink $T_a=25$			3.5
Forward Surge Current (Non-repetitive) @60Hz Half-sine wave, 1 cycle, $T_j=25$	IFSM	A	450	
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, $T_j=25$			900	
Current squared time @1ms t 8.3ms $T_j=25$, Rating of per diode	I^2t	A ² S	840	
Storage temperature	Tstg		-55 ~ +150	
Junction temperature	T_j		-55 ~ +150	
Dielectric strength @ terminals to case, AC 1 minute	Vdis	KV	2.5	
Mounting torque @ recommend torque 5kg cm	Tor	kg cm	8	







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