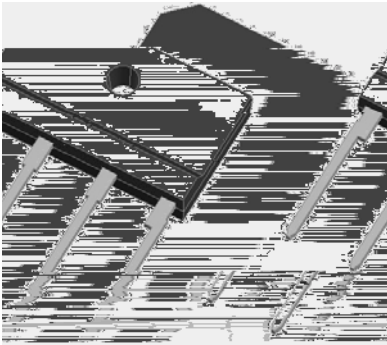




Bridge Rectifiers

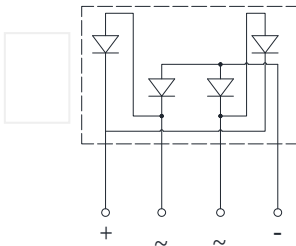


Features

- 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

Typical Applications

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



Mechanical Data

- Unless otherwise specified

PARAMETER		SYMBOL	UNIT	KBJ15005	KBJ1501	KBJ1502	KBJ1504	KBJ1506	KBJ1508	KBJ1510
Device marking code				KBJ15005	KBJ1501	KBJ1502	KBJ1504	KBJ1506	KBJ1508	KBJ1510
Maximum Repetitive Peak Reverse Voltage		VRRM	V	50	100	200	400	600	800	1000
Maximum RMS Voltage		VRMS	V	35	70	140	280	420	560	700
Maximum DC blocking Voltage		VDC	V	50	100	200	400	600	800	1000
Average Rectified Output Current @60Hz sine wave, R-load	With heatsink T _c =105	I _O	A	15.0						
	Without heatsink T _a =25			3.6						
Forward Surge Current (Non-repetitive) @60Hz Half-sine wave,1 cycle, T _j =25		I _{FSM}	A	220						
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, T _j =25				440						
Current squared time @1ms≤t≤8.3ms T _j =25 ,rating of per diode		I ² t	A ² S	201						
Storage temperature		T _{stg}		-55 ~ +150						
Junction temperature		T _j		-55 ~ +150						
Dielectric strength @ Terminals to case, AC 1 minute		V _{dis}	KV	2						
Mounting torque @Recommend torque 5kg cm		Tor	kg cm	8						

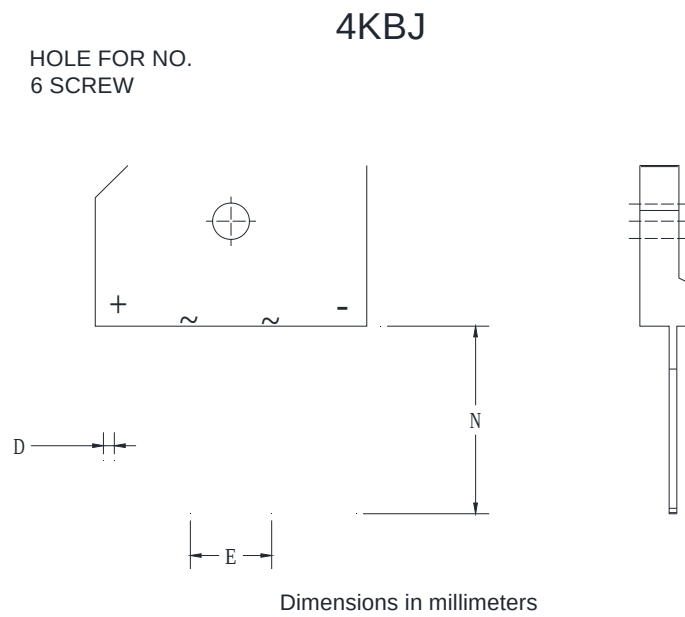
■Electrical Characteristics $T_A = 25$ Unless otherwise specified

PARAMETER	SYMBOL
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71SLFDO MXQFWLRQ FDSDFLWDOF HSSO&MG 5HSHUVH	0HDVXUHG DW 0+]	9ROWDJH RI 9' &
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■ Outline Dimensions





Disclaimer

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