CE CHENYI ELECTRONICS

KBL005 THRU KBL10

SINGLE PHASE GLASS BRIDGE RECTIFIER

Voltage: 50 TO 1000V CURRENT:4.0A

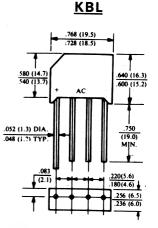
FEATURES

Ideal for printed circuit board Surge overload rating: 200A peak

High case dielectric strength

MECHANICAL DATA

- . Terminal: Plated leads solderable per
 - MIL-STD 202E, method 208C
- . Case: UL-94 Class V-0 recognized Flame Retardant Epoxy
- . Polarity: Polarity symbol marked on body
- . Mounting position: any



Dimensions in inches and (millimeters)

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

(Single-phase, half-wave, 60HZ, resistive or inductive load rating at 25 $^{\circ}\mathrm{C}$, unless otherwise stated

	SYMBOL	KBL 005	KBL 01	KBL 02	KBL04	KBL 06	KBL 08	KBL 10	units
Maximum Recurrent Peak Reverse Voltage	Vrrm	50	100	200	400	600	800	1000	V
Maximum RMS Voltage	Vrms	35	70	140	280	420	560	700	V
Maximum DC blocking Voltage	Vdc	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified									
current at Ta=50 °C	lf(av)	lf(av) 4.0							А
Peak Forward Surge Current 8.3ms single									
half sine-wave superimposed on rated load	lfsm	lfsm 200							
Maximum Instantaneous Forward Voltage at									
forward current 4.0A DC	Vf	Vf 1.1							
Maximum DC Reverse Voltage Ta=25 °C		10.0							μA
at rated DC blocking voltage Ta=100 °C	lr	lr 1.0							
Operating Temperature Range	Tj	Tj -55 to +125							
Storage and operation Junction Temperature	Tstg	Tstg -55 to +150							



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RATINGS AND CHARACTERISTIC CURVES KBL005 THRU KBL10

