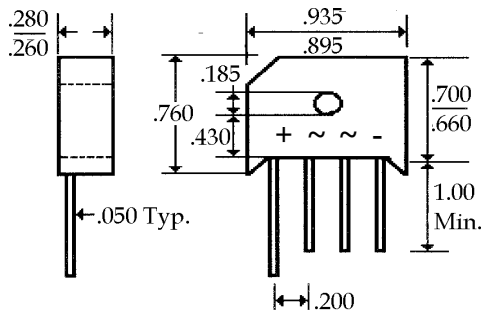




6.0 Amp SINGLE PHASE SILICON BRIDGE Mechanical Dimensions



(Dimensions in inches)

Mechanical Data: Weight - 0.3 Ounces. Mounting Torque - 5.1 lbs. Mounting Position - Any.

Features

- **COMPACT SIZE**
- **250 AMP SURGE OVERLOAD RATING**
- **LOW LEAKAGE CURRENT**
- **MEETS UL SPECIFICATION 94V-0**

KBU600 . . . 610 Series								Units
Maximum Ratings	KBU600	KBU601	KBU602	KBU604	KBU606	KBU608	KBU610	
Peak Repetitive Reverse Voltage...V _{RRM}	50	100	200	400	600	800	1000	Volts
RMS Reverse Voltage...V _{R(rms)}	35	70	140	280	420	560	700	Volts
DC Blocking Voltage...V _{DC}	50	100	200	400	600	800	1000	Volts
Average Forward Rectified Current...I _{F(av)} T _A = 25°C	6.0							Amps
Non-Repetitive Peak Forward Surge Current...I _{FSM} 8.3 ms Single ½ Sine Wave Imposed on Rated Load	250							Amps
Operating Temperature Range...T _J	-55 to 125							°C
Storage Temperature Range...T _{STRG}	-55 to 150							°C
Electrical Characteristics								
Maximum Forward Voltage...V _F Per Bridge Element @ 6.0 Amps	1.0							Volts
Maximum DC Reverse Current Per Bridge Element...I _R @ Rated DC Blocking Voltage T _A = 25°C T _A =100°C	10							μAmps
	1.0							mAmps
Typical Thermal Resistance...R _{θJC}	10							°C/W