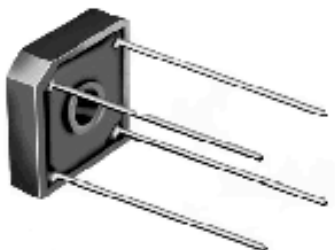


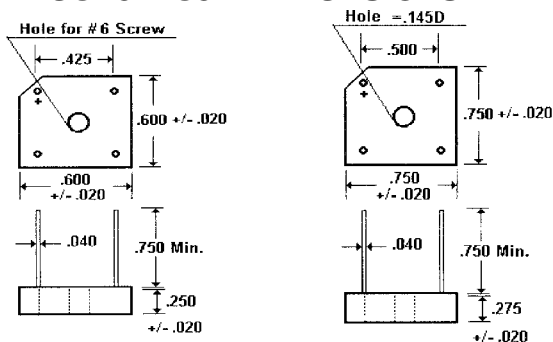
10 to 15 Amp SINGLE PHASE SILICON BRIDGE

KBPSC10 & 15 Series

Description



Mechanical Dimensions



Features

- BUILT-IN INTEGRAL HEAT SINK
-  UL RECOGNITION AVAILABLE
- SMALL PACKAGE
- UP TO 300 AMP SURGE OVERLOAD RATING
- LOW LEAKAGE CURRENT, LESS THAN 1 μ A

Electrical Characteristics @ 25°C.		KBPSC10 . . . 15 Series							Units
Maximum Ratings		-00	-01	-02	-04	-06	-08	-10	
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... $I_{F(av)}$	KBPSC10	10							Amps
	KBPSC15	15							Amps
Non-Repetitive Peak Forward Surge Current... I_{FSM}	KBPSC10	200							Amps
	KBPSC15	300							Amps
Forward Voltage... V_F	KBPSC10	1.1							Volts
	KBPSC15	1.1							Volts
Isolation Voltage Case to Leads... V_{ISO}		2000							Volts AC
DC Reverse Current... I_R @ Rated DC/Element		10							μ Amps
Thermal Resistance... $R_{\theta JC}$ (Note 1)		1.2							°C/W
Operating & Storage Temperature Range... T_J, T_{STRG}		-65 to 175							°C