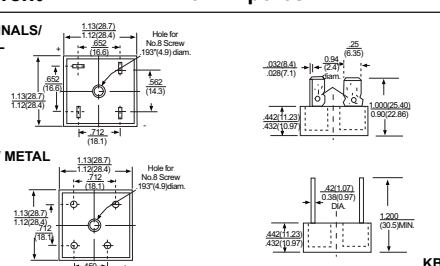
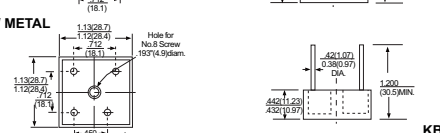
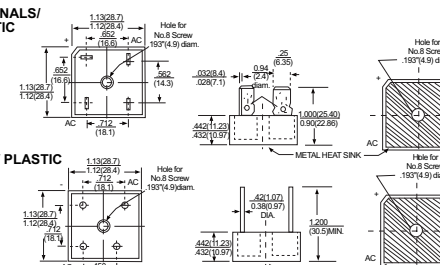
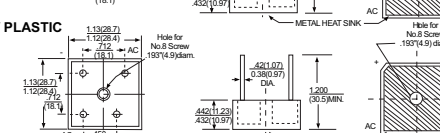


KBPC25 SERIES

SINGLE PHASE 25 AMPS. SILICON BRIDGE RECTIFIERS		Voltage Range	50 to 1000 Volts						
FEATURES		Current	25 Amperes						
<p>FEATURES</p> <ul style="list-style-type: none"> *Surge overload 200-400 Amperes peak *Low forward voltage drop *Mounting Position:Any *Electrically isolated base-1800 Volts *Solderable 0.25" FASTON terminals 		<p>TERMINALS/ METAL</p>  <p>LEAD / METAL</p> 							
		<p>TERMINALS/ PLASTIC</p>  <p>LEAD / PLASTIC</p> 							
		<p>MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS</p> <p>Rating at 25°C ambient temperature unless otherwise specified. Resistive or inductive load 50Hz. For capacitive load current by 20%</p>							
		<p>Type Number</p>		KBPC 25005	KBPC 2501	KBPC 2502	KBPC 2504	KBPC 2506	KBPC 2508
Maximum Repetitive Peak Reverse Voltage	V _{RRM}	50	100	200	400	600	800	1000	V
Maximum RMS Bridge Input Voltage	V _{RMS}	35	70	140	280	420	560	700	V
Maximum Average Forward Rectified Output Current @T _C = 55°C	I _{F(AV)}	KBPC 25			25				A
Peak Forward Surge Current 8.3ms single half sine-wave super imposed on rated load	I _{FSM}				400				A
Maximum Forward Voltage Drop per Leg at 7.5/12.5/17.5/25.0A Peak	V _F	1.2							V
Maximun Reverse Current at Rate DC Blocking Voltage per element @T _A = 25°C	I _R	5							µA
Operating Temperature Range T _c	T _J	-55 to+125							°C
Storage Temperature Range T _A	T _{STG}	-55 to+150							°C
<p>NOTES: 1. Also available on KBPC 10W/15W/25W/35W/50W series.</p>									

RATING AND CHARACTERISTIC CURVES KBPC25 SERIES

