

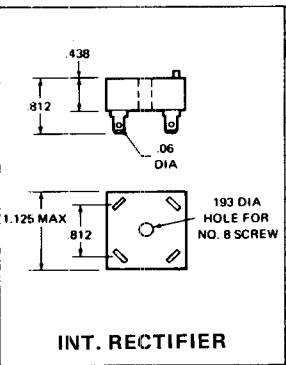
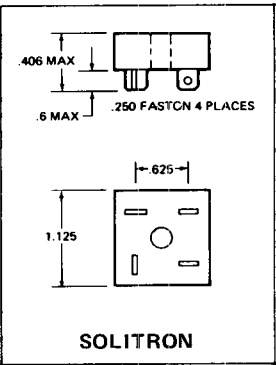
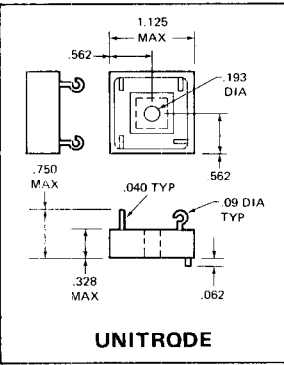
KBH25 SERIES

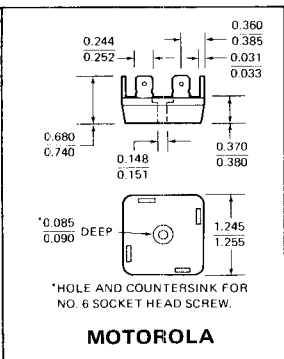
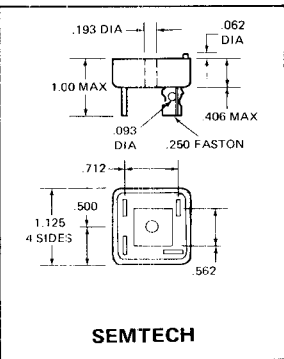
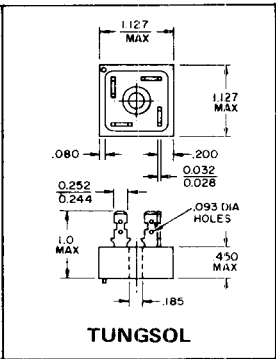
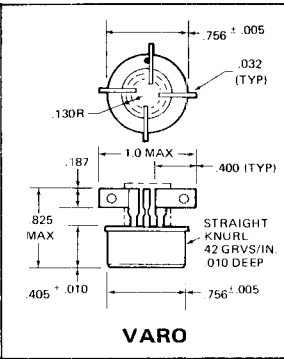
25 AMPERE SINGLE-PHASE SILICON BRIDGE

RATINGS AND ELECTRICAL CHARACTERISTICS

GENERAL INSTRUMENT	KBH25005	KBH2502	KBH2504	KBH2506	KBH2508	KBH2510	Units
Peak Reverse Voltage	50	200	400	600	800	1000	V
Average rectified output current	25.0						A
Peak one cycle surge rating	300.0						A
Fwd voltage drop per element at 12.5ADC	1.2						V
Rev leakage at PRV and 25°C Ambient Temperature	10.0						μA
Operating and Storage Temperature	-55 to +150						°C

CROSS-REFERENCE TABLE

VOLTS		 INT. RECTIFIER	 SOLITRON	 UNITRODE	VOLTS
50	KBH25005	250JB05L	J775-0		50
100	KBH2502	250JB1L	J775-1	679-1	100
200	KBH2502	250JB2L	J775-2	679-2	200
400	KBH2504	250JB4L	J775-4	679-4	400
600	KBH2506	250JB6L	J775-6	679-6	600
800	KBH2508	250JB8L	J775-8	679-8	800
1000	KBH2510		J775-10		1000

VOLTS	 MOTOROLA	 SEMTECH	 TUNGSO	 VARO	VOLTS
50	MDA990-1	SCBA05	B10Z		50
100	MDA990-2	SCBA-1	B10A		100
200	MDA990-3	SCBA-2	B10B	VT200	200
400	MDA990-5	SCBA-4	B10D	VT400	400
600	MDA990-6	SCBA-6	B10F	VT600	600
800	MDA990-7	SCBA-8	B10H	VT800	800
1000			B10K		1000