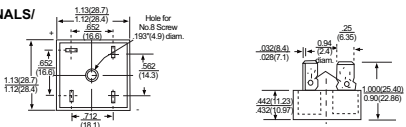
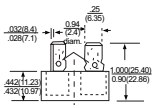
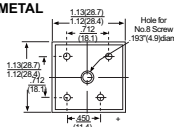
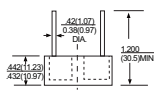
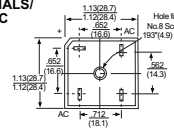

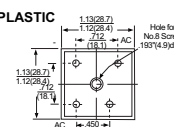
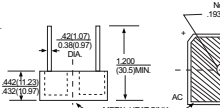


KBPC35 SERIES

SINGLE PHASE 35 AMPS. SILICON BRIDGE RECTIFIERS		Voltage Range	50 to 1000 Volts						
		Current	35 Amperes						
FEATURES *Surge overload 200-400 Amperes peak *Low forward voltage drop *Mounting Position:Any *Electrically isolated base-1800 Volts *Solderable 0.25" FASTON terminals	TERMINALS/ METAL 								
	LEAD / METAL 								
	TERMINALS/ PLASTIC 								
	LEAD / PLASTIC 								
MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS Rating at 25°C ambient temperature unless otherwise specified. Resistive or inductive load 50Hz. For capacitive load current by 20%									
Type Number		KBPC 35005	KBPC 3501	KBPC 3502	KBPC 3504	KBPC 3506	KBPC 3508	KBPC 3510	UNITS
Maximum Repetitive Peak Reverse Voltage	VRRM	50	100	200	400	600	800	1000	V
Maximum RMS Bridge Input Voltage	VRMS	35	70	140	280	420	560	700	V
Maximum Average Forward Rectified Output Current @TC = 55°C	IF(AV)	KBPC 35				35			A
Peak Forward Surge Current 8.3ms single half sine-wave super imposed on rated load	IFSM	KBPC 35				400			A
Maximum Forward Voltage Drop per Leg at 7.5/12.5/17.5/25.0A Peak	VF	1.2							V
Maximun Reverse Current at Rate DC Blocking Voltage per element @TA = 25°C	IR	5							uA
Operating Temperature Range Tc	TJ	-55 to+125							°C
Storage Temperature Range TA	TSTG	-55 to+150							°C
NOTES: 1. Also available on KBPC 10W/15W/25W/35W/50W series.									

RATING AND CHARACTERISTIC CURVES KBPC35 SERIES

FIG.1 -MAXIMUN FORWARD SURGE CURRENT

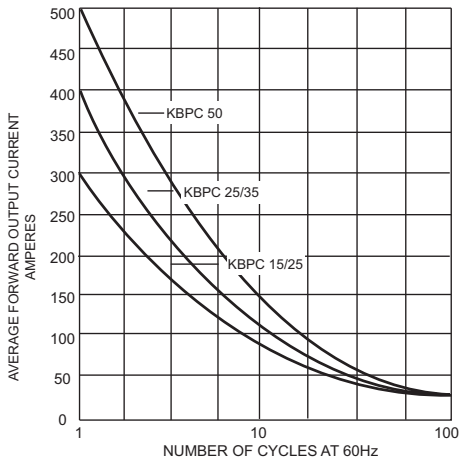


FIG.2 -DERATING CURVE
OUTPUT RECTIFIED CURRENT

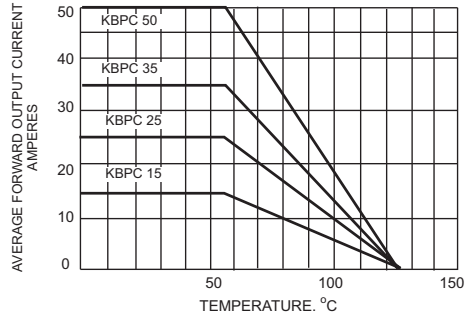


FIG.3-TYPICAL FORWARD
CHARACTERISTICS

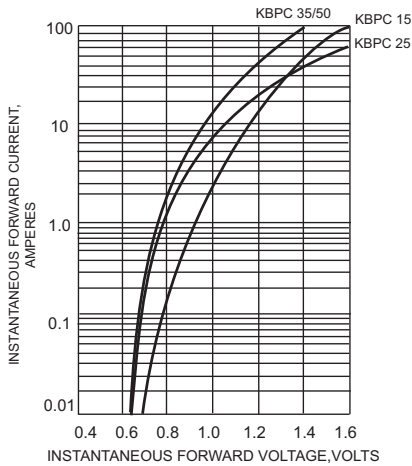


FIG.4 - TYPICAL REVERSE
CHARACTERISTICS

