

桥式整流器
BRIDGE RECTIFIERS

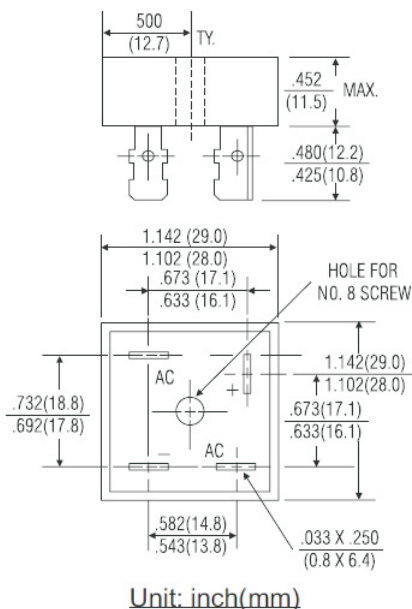
KBPC35005 THRU KBPC3510

特征 FEATURES

- * Plastic package has Underwriters Laboratory Flammability Classification 94V-0
- * High surge current capability
- * High temperature soldering guaranteed: 250°C/10 seconds at 5 lbs.(2.3kg)tension

机械数据 MECHANICAL DATA

Case:Molded plastic body
 Terminals:plated leads solderable per MIL-STD-750, Method 2026
 Mounting position:Any
 Mounting Torque:5in. lb.max.
 Weight:0.15 ounce, 18.0grams



极限值和电参数 TA=25°C 除非另有规定

Maximum Ratings&Electrical Characteristics Ratings at 25°C ambient temperature unless otherwise specified

	SYMBOLS	KBPC 35005	KBPC 3501	KBPC 3502	KBPC 3504	KBPC 3506	KBPC 3508	KBPC 3510	UNITS
最大可重复峰值反向电压 Maximum reeurrent peak reverse voltage	VRRM	50	100	200	400	600	800	1000	Volts
最大均方根电压 Maximum rms Input voltage	VRMS	35	70	140	280	420	560	700	Volts
最大直流阻断电压 Maximum dc blocking voltage	VDC	50	100	200	400	600	800	1000	Volts
最大正向平均整流电流 Maximum average forward output rectified	I(AV)	35.0							Amps
正向峰值浪涌电流 8.3ms 单一正弦半波 Peak forward surge current 8.3ms single half sine-wave	IFSM	400							Amps
最大正向电压降 Maximum forward voltage	VF	@IF=12.5A 1.1							Volts
最大反向漏电流 Maximum reverse voltage	IR	TA=25°C TA=100°C 10 500							μ A
工作温度和存储温度 Operating and storage temperature range	TJ,TSTG	-55 to +125							°C



RATING AND CHARACTERISTIC CURVES (TA=25°C UNLESS OTHERWISE NOTED)
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Fig. 1 Derating Curve for Output Rectified Current

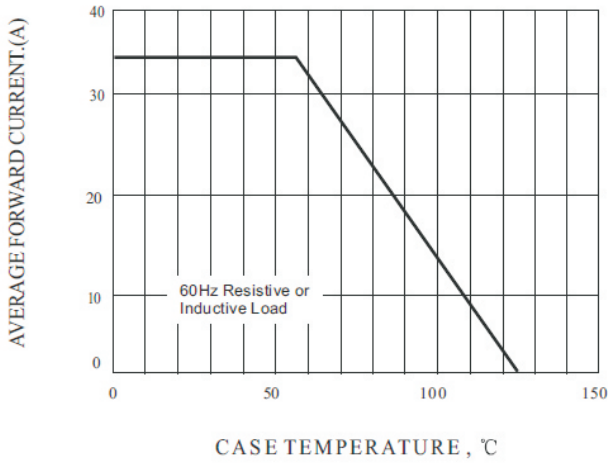


FIG.2 MAXIMUM NON-REPETITIVE PEAK FORWARD SURGE CURRENT

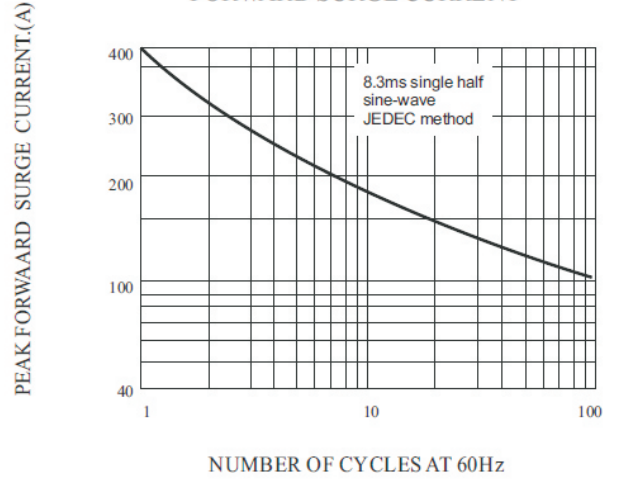


FIG.3 TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS

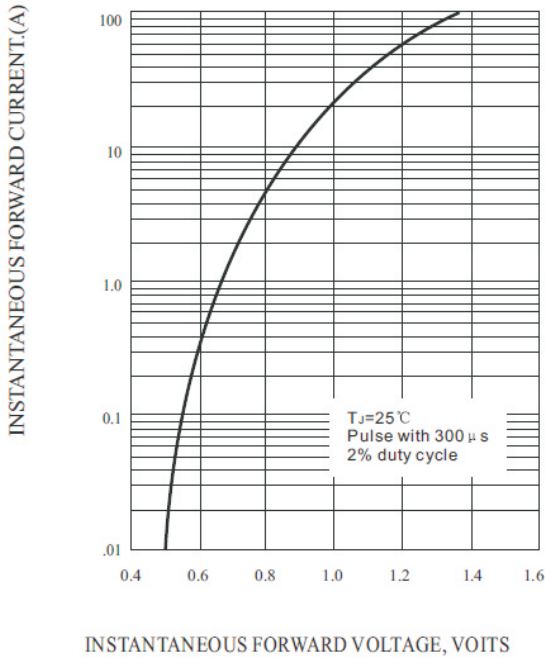


FIG.4-TYPICAL FEVERSE CHARACTERISTICS AT TJ=25°C

