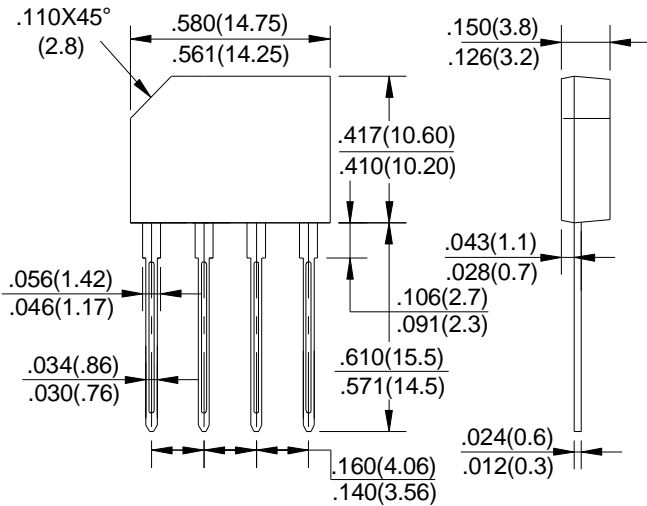




玻璃钝化桥式整流器
GLASS PASSIVATED BRIDGE RECTIFIERS

GBP2005G THRU GBP210G



Unit: inch(mm)

特征 FEATURES

- * Plastic package has Underwriters Laboratory Classification 94V-0
- * Glass passivated chip junctions
- * UL file number:E252843
- * High surge current capability
- * Ideal for printed circuit boards

机械数据 MECHANICAL DATA

CASE:5S Molded plastic body

Terminals:plated leads solderable per MIL - STD-750, Method 2026

Mounting position:Any

Weight:0.06 ounce, 1.7gram

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	GBP 2005G	GBP 201G	GBP 202G	GBP 204G	GBP 206G	GBP 20G	GBP 210G	UNITS
最大可重复峰值反向电压 Maximum reccurent 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)	2.0							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	60							Amps
最大正向电压降 Maximum forward voltage	VF	@IF=4.0A 1.1							Volts
最大反向漏电流 Maximum reverse voltage	IR	TA=25°C TA=100°C 5.0 500							μ A
典型结电容 Type junction capacitance VR=3.0V f=1.0MHz	CJ	25							pF
工作温度和存储温度 Operating and storage temperature range	TJ,TSTG	-55 to + 150							°C

RATING AND CHARACTERISTIC CURVES (TA=25°C UNLESS OTHERWISE NOTED)

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FIG.1-DERATING CURVE OUTPUT RECTIFIED CURRENT

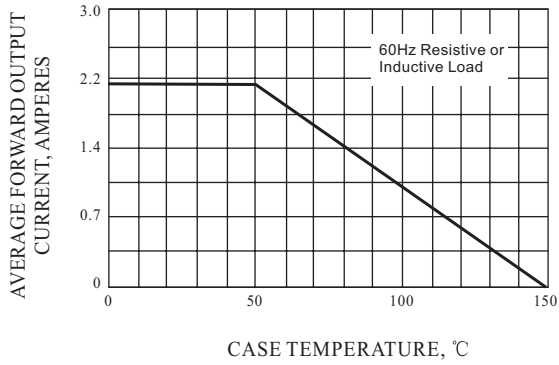


FIG.2-MAXIMUM NON-REPETITIVE PEAK FORWARD SURGE CURRENT PER LEG

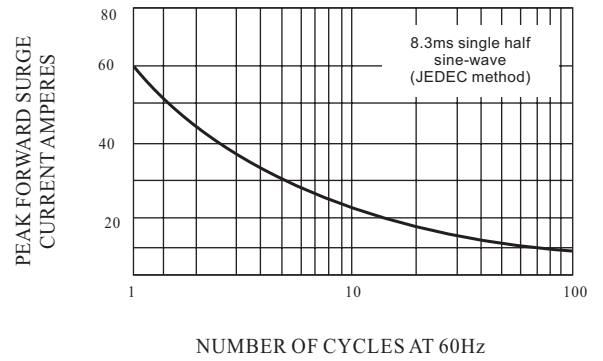


FIG. 3 - TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS

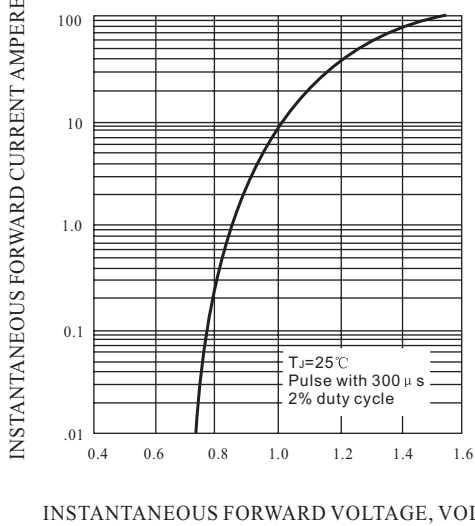


FIG. 4 - TYPICAL REVERSE CHARACTERISTICS AT TJ=25°C

