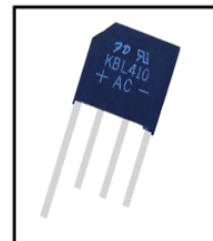


特性/机械性能:

FEATURES/MECHANICAL DATE

- ◆ 外壳绝缘电压1500V Mixer shell insulation voltage 1500v
- ◆ 低正向压降, 高可靠性 Low forward voltage drop, high reliability
- ◆ 大电流浪涌能力 In pieces big electrical surge capacity
- ◆ 广泛应用于印刷线路版 Pieces are widely used in printing lines
- ◆ 塑封材料: 采用UL94V-0认可的阻燃环氧料
Epoxy: UL94V-0 rate flame retardant
- ◆ 封装: 模塑封装或外壳灌封
Case: Molded plastic or shell potting
- ◆ 引线: 电镀引线, 可焊性符合MIL-STD-202E, 方法208
Lead: Axial lead solderable per MIL-STD-202, methode 208 guaranteed
- ◆ 安装位置: 任意
Mounting position: Any



KBL

最大额定值及电气特性

MAXIMUM RATINGS AND CHARACTERISTICS

测量环境温度为25℃, 除非另有规定. 单相半波, 50HZ, 阻性或感性负载, 对于容性负载, 电流降额20%。
Rating at 25℃ ambient temperature unless otherwise specified. Single phase, half wave, 50HZ, resistive or inductive load. For capacitive load, derate current by 20%.

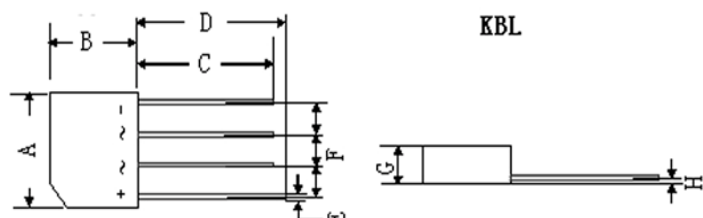
参数名称Papt Number	符号Symbol	KBL400	KBL401	KBL402	KBL404	KBL406	KBL408	KBL410	Unit
反向重复峰值电压 Reverse repetitive peak voltage	VRRM	50	100	200	400	600	800	1000	V
反向工作峰值电压 Peak voltage reverse work	VRWM	50	100	200	400	600	800	1000	v
最大平均有效值电压 Maximum average RMS voltage	VRMS	35	70	140	280	420	560	700	v
最大平均正向整流输出电流 Maximum average forward rectified output current	IO	4.0							A
正向不重复浪涌电流, 额定负载下, 单相正弦半波8.3毫秒 (JEDEC方法) Peak Forward Surge Current, 8.3ms Single Half Sine-wave Superimposed On Rated Load (JEDEC method)	IFSM	200							A
最大正向压降@2.0A Maximum Instantaneous Forward Voltage at 2.0A	VF	1.1							V
最大反向直流电流 Maximum DC Reverse Current Ta = 25℃ at Rated DC Blocking Voltage Ta = 100℃	IR	10 1.0							μA mA
使用温度范围 Using the temperature range	TJ	-50~+150							℃
储存温度范围 Storage temperature range	TSTG	-50~+150							℃

注 释 Note:

1. 在1MHz下测量, 施加4.0V D.C的反向电压.
2. 热阻是指从结至周围环境的热阻, 在0.375" (9.5mm) 引线长度处.
1. The measurement under the 1 MHZ, applying a reverse voltage of 4.0 V, D.C.
2. The thermal resistance refers to the thermal resistance from the junction to ambient, in 0.375 "(9.5 mm) lead length.

产品外形尺寸:

Product appearance size



DIM	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.37	0.77	18.5	19.6
B	0.605	0.645	15.37	16.38
C	1.0		25.4	
D	1.1		27.9	
E	0.048	0.052	1.22	1.32
F	0.190	0.210	4.83	5.33
G	0.245	0.255	6.22	6.48
H	0.06	0.08	1.52	2.0

特性曲线图:

RATINGS AND CHARACTERISTIC CURVES

FIG.1- MAXIMUM NON-REPETITIVE PEAK Fwd SURGE CURRENT

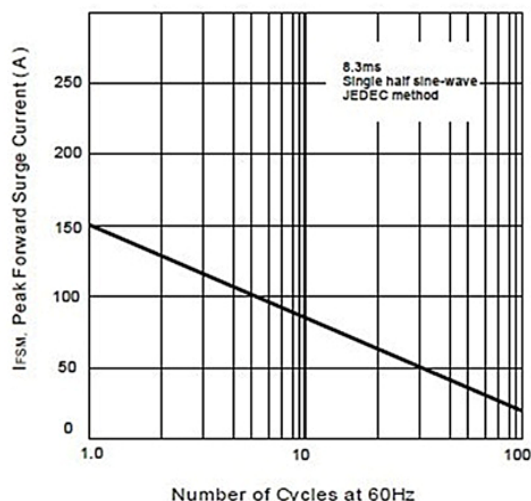


FIG.2- MAXIMUM FORWARD CURRENT DERATING CURVE

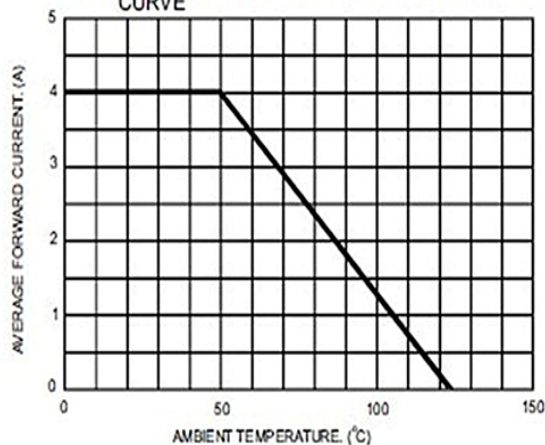


FIG.3- TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS PER BRIDGE ELEMENT

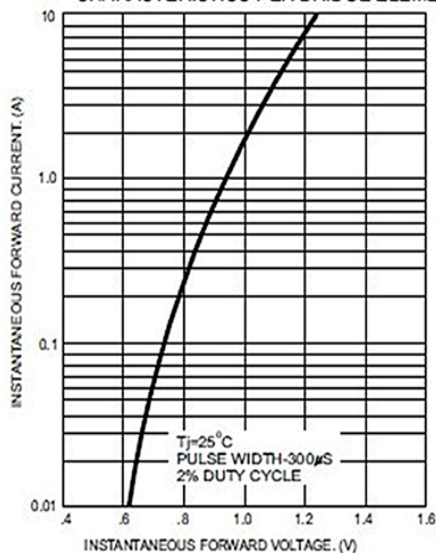


FIG.4- TYPICAL REVERSE CHARACTERISTICS PER BRIDGE ELEMENT

