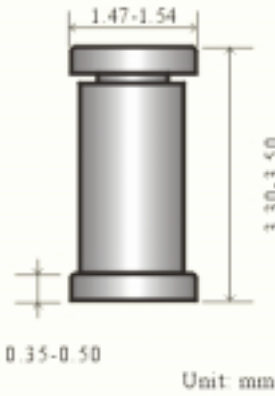




**LL-34 GLASS**



**LL-34(Mini-melf) Glass Trigger Diode**

**特征 Features**

- 玻璃密封焊接; Hermetically Sealed Glass
- 反向漏电小; Low Reverse Leakage
- 高稳定性和可靠性。High Stability and High Reliability
- 较强的正向浪涌承受 High Forward Surge Capability

**机械数据 Mechanical Data**

- 封装: LL-34 玻璃封装 Case: LL-34 Glass Case
- 安装位置: 任意 Mounting Position: Any

**极限值和温度特性(TA = 25 除非另有规定)**

**Maximum Ratings & Thermal Characteristics** (Ratings at 25 ambient temperature unless otherwise specified.)

参数 Parameters	符号 Symbol	数值 Value	单位 Unit
功率消耗 Power Dissipation	Pd	350	mW
工作及存储温度 Storage temperature	Ts	-40+150	
工作结温度 Operating Junction Temperature	Tj	100	

**Notes:** The glass passivated, three-layer, two terminal, axial lead, hermetically sealed diacs are designed specifically for triggering thyristors. They demonstrate low breakover current at breakover voltage as they withstand peak pulse current. The breakover symmetry is within four bolts with a typical breakover voltage of 32 volts. These diacs are intended for use in thyristor phase control, circuits for lamp-dimming, universal-motor speed controls, and heat controls.

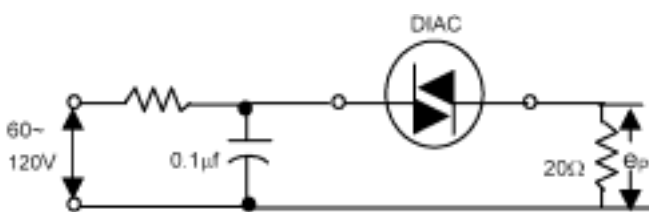
**电特性 Electrical Characteristics** (Ratings at 25 ambient temperature unless otherwise specified).

Test	Symbol	Min	Typ.	Max.	Unit
Breakover Voltage	VBO1&VBO2	28	32.0	36	V
Breakover Currents	IBO1&IBO2	-	-	200	uA
Breakover Voltage Symmetry	VBO1 - VBO2	-	-	3.8	V
Dynamic Breakover Voltage I=[IBO to IF = 10mA]	± V	5	-	-	V
Thermal Impedance Junction To Ambient	R JA	-	-	60	/W

**MAXIMUM RATINGS AT 50 Ambient**

- Peak Current(10u sec duration, 120 cycle repetition rate) Ip ± 2Amperes Max.
- Peak output voltage ep 3 ± volts Max\*

\*CIRCUIT FOR PEAK OUTPUT VOLTAGE TEST



Characteristics at Tamb = 25°C

**TYPICAL DIAC-TRIAC**

**FULL-WAVE PHASE CONTROL CIRCUIT**

