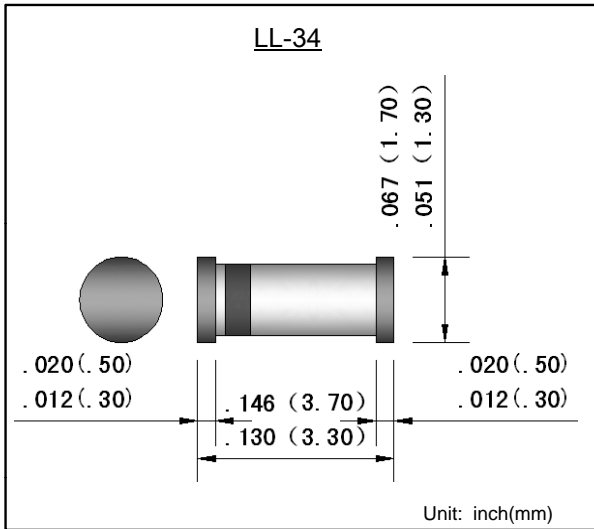




玻封开关二极管
反向电压 75 V
正向电流 0.15 A

Switching Glass Rectifiers
Reverse Voltage 75 V
Forward Current 0.15 A



特征 Features

- 反向漏电流小。 Low reverse leakage
- 开关速度快。 Fast switching speed
- 最大功率耗散500mW。 Maximum power dissipation of 500 mW
- 高稳定性和可靠性。 High stability and high reliability
- 引线镀层符合RoHS标准。
Lead plating according with RoHS standard

机械数据 Mechanical Data

- 封装: LL-34 玻璃封装 Case: LL-34 Glass case
- 极性: 色环端为负极 Polarity: Color band denotes cathode end
- 安装位置: 任意 Mounting Position: Any

最大值和特性 TA = 25°C 除非另有规定。

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

| 参数 Parameter | 符号 Symbols | 数值 | 单位 |
|--|-----------------|--------------|---------------|
| | | Value | Unit |
| 重复峰值反向电压 Repetitive Peak Reverse Voltage | V_{RRM} | 100 | V |
| 反向电压 Reverse Voltage | V_R | 75 | V |
| 最大正向平均电流 Maximum Average Forward Current | $I_F (AV)$ | 150 | mA |
| 正向 (不重复) 浪涌电流 $t=1\mu S$ Non-repetitive Peak Forward Surge Current at 1 μS | I_{FSM} | 2 | A |
| 正向电压 $I_F=10mA$ Forward Voltage | V_F | 1.0 | V |
| 反向电流 $V_R=75V$ Reverse Current | I_{RM} | 5 | μA |
| 结电容 (Note 1) Junction Capacitance | C_J | 4.0 | pF |
| 反向恢复时间 (Note 2) Reverse Recovery Time | T_{RR} | 4.0 | nS |
| 功率消耗 Power Dissipation | P_D | 500 | mW |
| 典型热阻 Type Thermal Resistance | $R_{\theta JA}$ | 500 | $^{\circ}C/W$ |
| 工作结温和存储温度 Operating Junction and Storage Temperature Range | T_J, T_{STG} | -65 --- +175 | $^{\circ}C$ |

备注 Note:

1) C_J at $V_R=0$, $f=1.0MHz$;

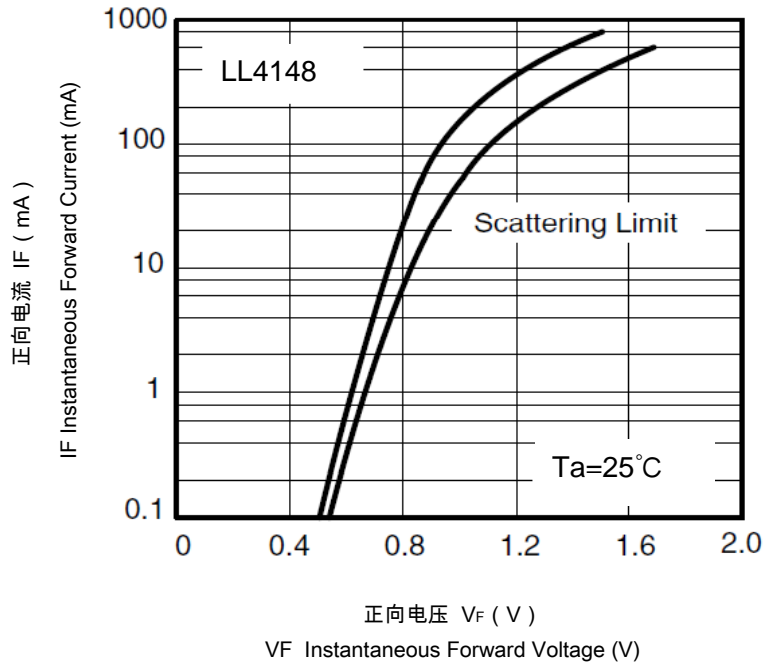
2) $I_F=10mA$ to $I_R=1.0mA, V_R=6.0V$, $R_L=100\Omega$;



特性曲线 Characteristic Curves

正向特性曲线 (典型值)

TYPICAL FORWARD CHARACTERISTIC



反向特性曲线 (典型值)

Typical Reverse Characteristics

