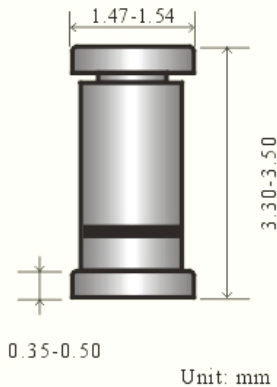


LL-34 GLASS



Unit: mm

LL-34(Mini-melf)玻封小信号肖特基二极管

LL-34 (Mini-melf) Glass Small Signal Schottky 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

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

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
		LL60	LL60P	
最高反向电压 Peak Reverse Voltage	V _{RM}	40	45	V
最高正向电流 Peak Forward Current	I _{FM}	150		mA
平均整流输出电流 Average Rectified Output Current	I _O	50		mA
正向浪涌电流 Surge Forward Current	I _{SURGE}	500		mA
存储温度 Storage temperature	T _s	-55-+170		℃
工作结温度 Operating Junction Temperature	T _j	75		℃

电特性 (TA = 25℃ 除非另有规定)

Electrical Characteristics (Ratings at 25℃ ambient temperature unless otherwise specified.)

符号 Symbols	参数 Parameter	测试条件 Test Condition		Limits		单位 Unit
				Min	Max	
IR	反向漏电流 Reverse Leakage Current	VR=15V	LL60	---	0.5	uA
			LL60P	---	1	
VF	正向电压 Forward Voltage	IF=1mA	LL60	---	0.5	V
			LL60P	---	0.5	
		IF=30mA	LL60	---	1.0	
		IF=100mA	LL60P	---	1.0	
TRR	反向恢复时间 Reverse Recovery Time	IF=IR=1mA RL=100Ω IRR=1mA		---	1	nS
CJ	结电容 Junction Capacitance	VR=1V, f=1MHZ	LL60	---	2	pF
		VR=10V, f=1MHZ	LL60P	---	6	