

特性/机械性能:
FEATURES/MECHANICAL DATE

- ◆ 小型玻封结构, 具有高可靠性 Small glass sealed structure, with high reliability
- ◆ 快速开关能力 Mixer switch ability quickly
- ◆ 低漏电 Low leakage
- ◆ 耐焊接热250°C / 10S High temperature soldering guaranteed:250°C / 10S
- ◆ 封装: 玻封 Case: Glass packaging
- ◆ 端子: 镀锡,无铅, 电镀可焊性符合MIL-STD-202E, 方法208



LL-34

Terminals: Pure tin plated, lead free, solderable per MIL-STD-202, method 208

- ◆ 极性: 色环表示阴极 Polarity: Color band denotes cathode
- ◆ 安装位置: 任意 Mounting position: Any

最大额定值及电气特性:
MAXIMUM RATINGS AND CHARACTERISTICS

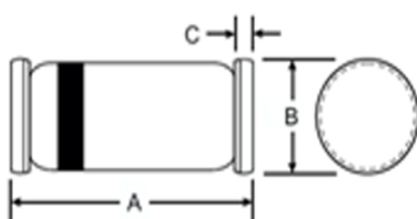
测量环境温度为25°C, 除非另有规定。Rating at 25°C ambient temperature unless otherwise specified.

参数名称 Papt Number	符号Symbol	数值Value	单位Unit
反向电压 Reverse voltage	VR	75	V
峰值反向电压 Peak reverse voltage	VRM	100	V
正向电流Ta=25°C (平均值) The forward currentTa=25°C (average)	IO	200	mA
重复正向峰值电流 Repeat positive peak current	IFRM	500	mA
正向压降 Positive pressure drop (IF=10mA)	VF	1.0	V
反向漏电流 Reverse leakage current (VR=20V)	IR1	25	nA
		(VR=75V)	5
反向漏电流 Reverse leakage current (VR=20V, TJ=150°C)	IR2	50	μA
结电容(注释1) Junction capacitance (Note 1)	Ct	4	pF
反向恢复时间(注释2) Reverse recovery time (Note 2)	trr	4	nS
热阻(注释3) Thermal resistance (Note 3)	Rθ (JA)	0.35	°C/mW
使用及储存温度范围 Operating and Storage Temperature Range	TSTG, TJ	-55~+175	°C

注释: 1.VR = 0V, f = 1MHz。

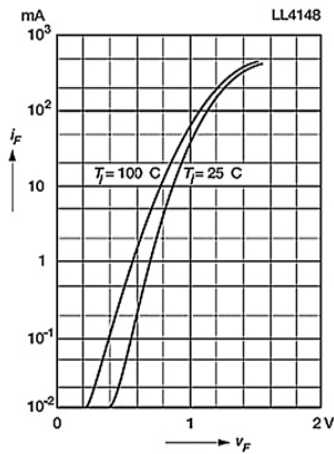
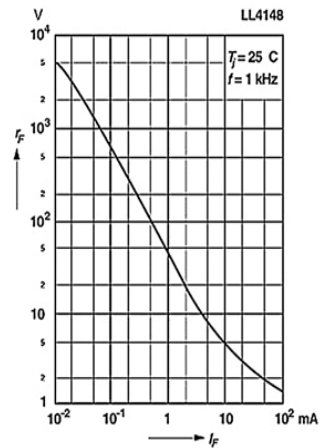
2.IF = 10mA, VR = 6V, RL = 100Ω。

3.距管体8mm引线处为环境温度。8 mm away from the tube body lead to environmental temperature.

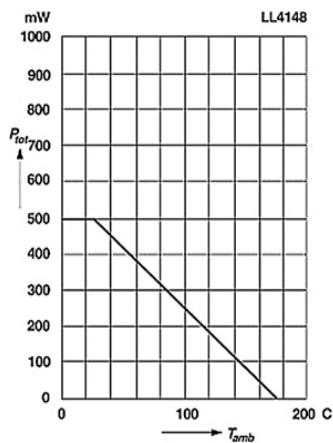
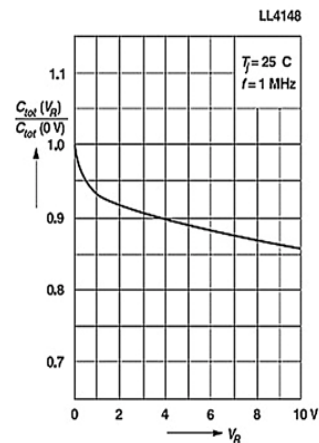
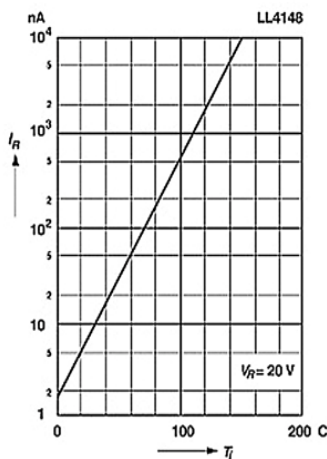
产品外形尺寸:
PRODUCT APPEARANCE SIZE


LL-34

Minimelf		
Dim	Min	Max
A	3.30	3.70
B	1.30	1.60
C	0.28	0.50

特性曲线图:
RATINGS AND CHARACTERISTIC CURVES
Forward characteristics

Dynamic forward resistance versus forward current

Admissible power dissipation versus ambient temperature

Valid provided that electrodes are kept at ambient temperature


Relative capacitance versus reverse voltage

Leakage current versus junction temperature

Admissible repetitive peak forward current versus pulse duration

Valid provided that electrodes are kept at ambient temperature

