

整流二极管

1SR154-400

≡ Applications

全面整改

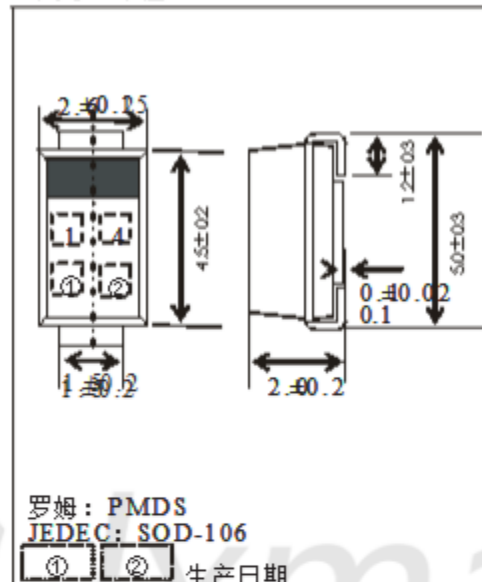
≡ Features

- 1) 小功率模具型 (PMDS)
- 2) 高可靠性

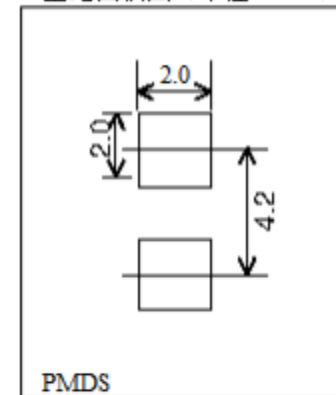
≡ Construction

硅扩散结

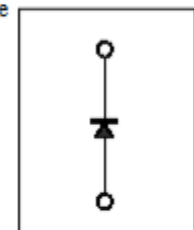
≡ 尺寸 (单位: mm)



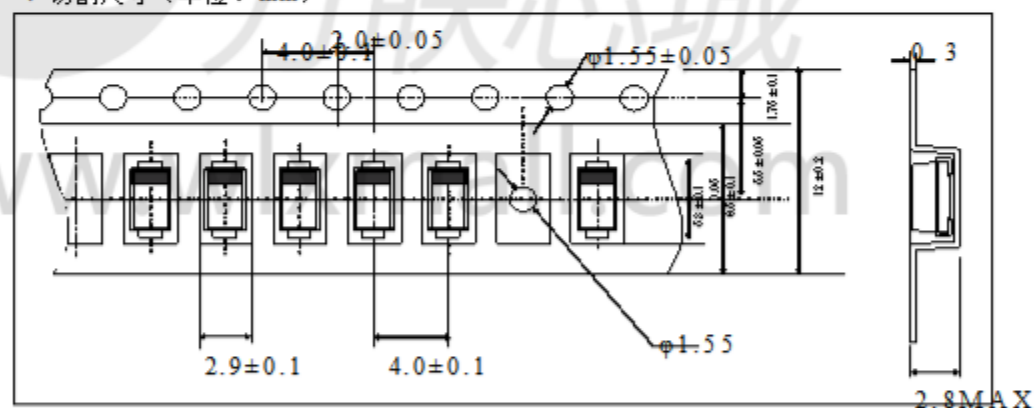
≡ 土地面积图 (单位: mm)



≡ Structure



≡ 切割尺寸 (单位: mm)



≡ 绝对最大额定值 (大= 25

C)

参数	符号	范围	单元
反向电压 (非重复峰值)	V RMS	500	V
反向电压 (重复峰值)	V R	400	V
平均整流正向电流	木卫一	1	一个
正向电流浪涌峰值 (60Hz / 1cyc)	我 FSM	三十	一个
结温	TJ	150	C
储存温度	TSTG	À55至Ç150	C

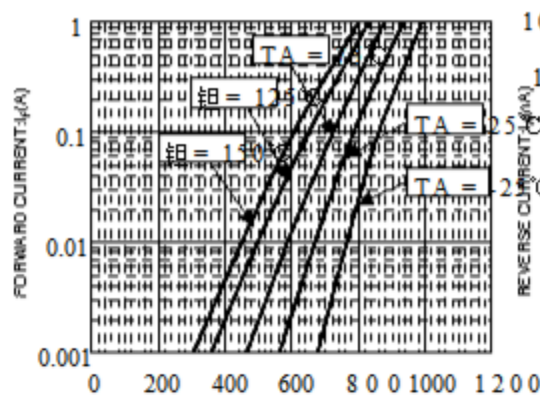
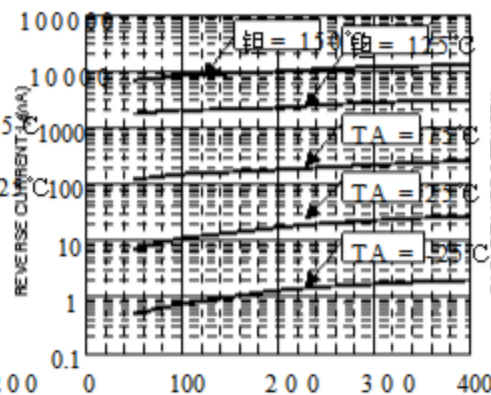
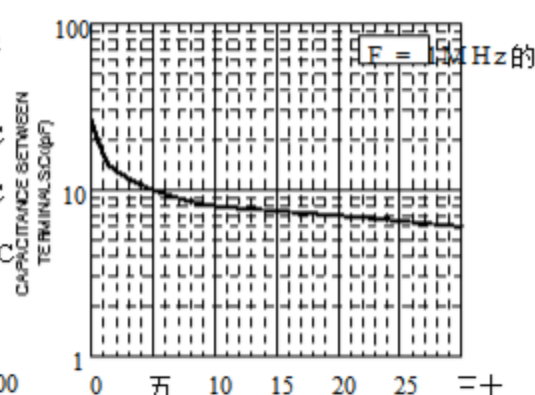
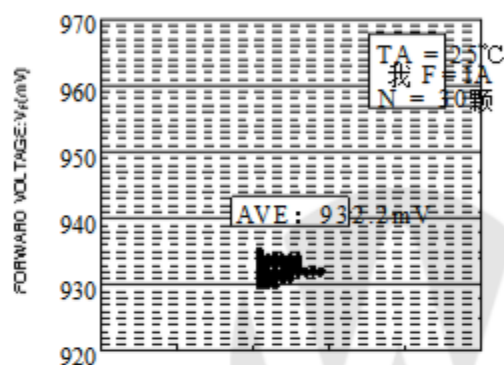
≡ 电气特性 (Ta = 25

C)

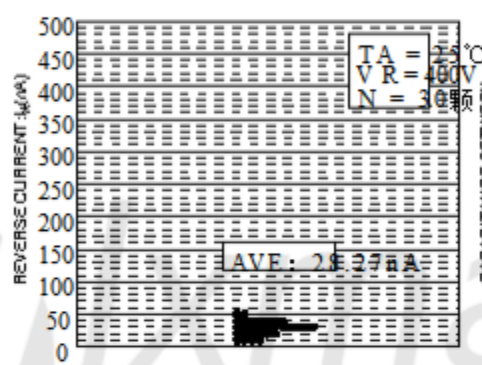
参数	符号	阅	典型	最大	单元	条件
正向电压	V F	-	-	1.1	V	我 F = 1A
反向电流	我 R	-	-	10	微安	V R = 400V

电气特性曲线 (Ta = 25

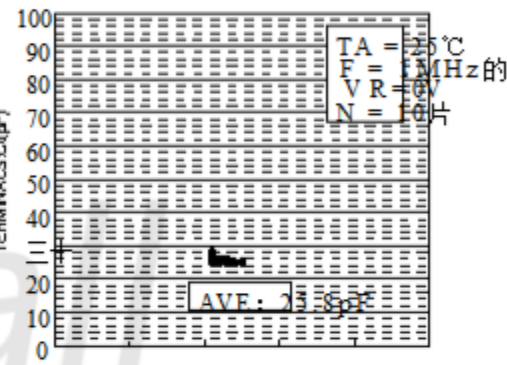
C)

VF-IF特性
正向电压: VF (mV)反向电压: VR (V)
VR-IR特性反向电压: VR (V)
VR-Ct特性

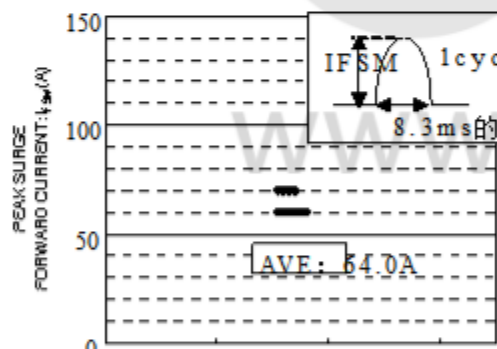
VF分散图



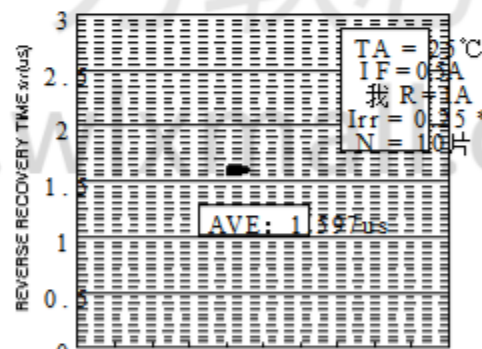
IR 扩散映射



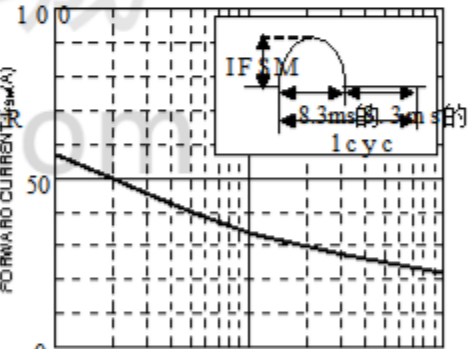
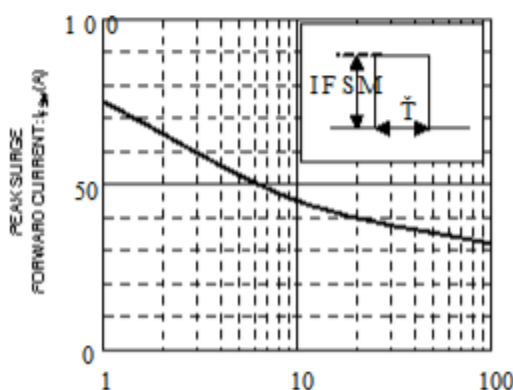
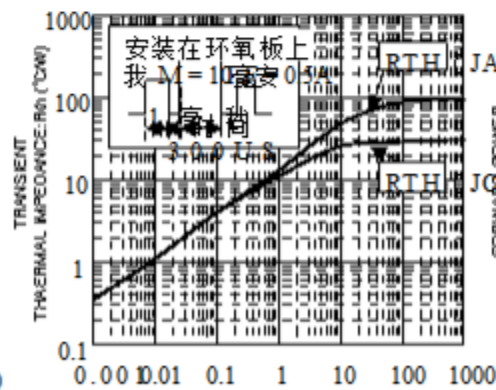
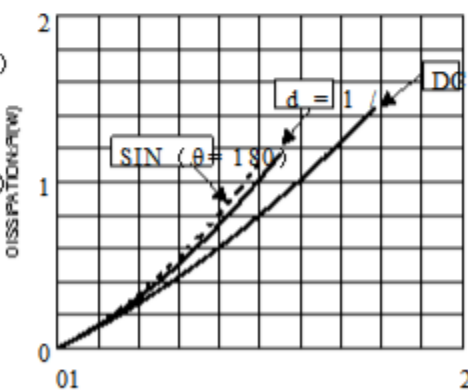
Ct分散图

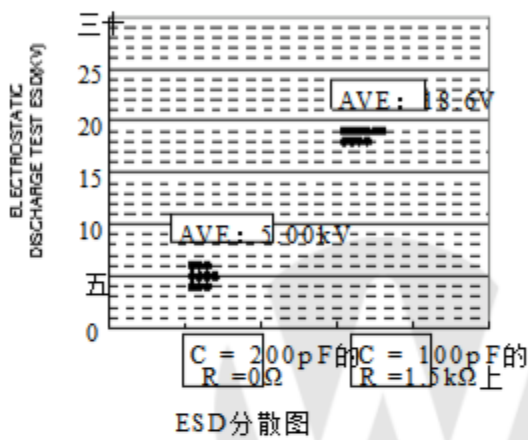
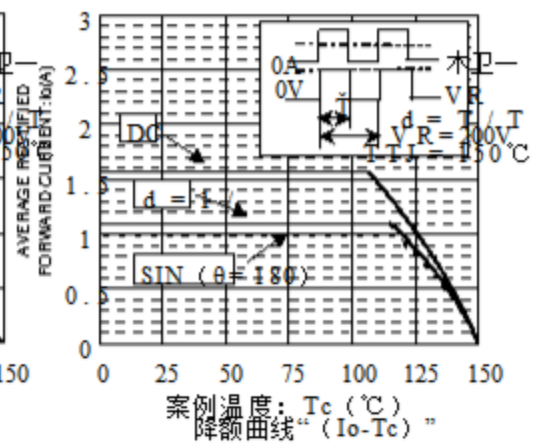
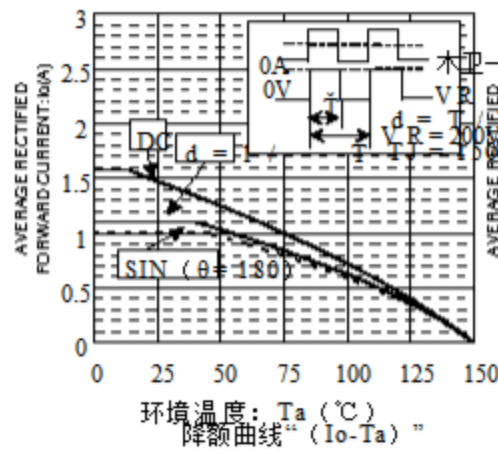
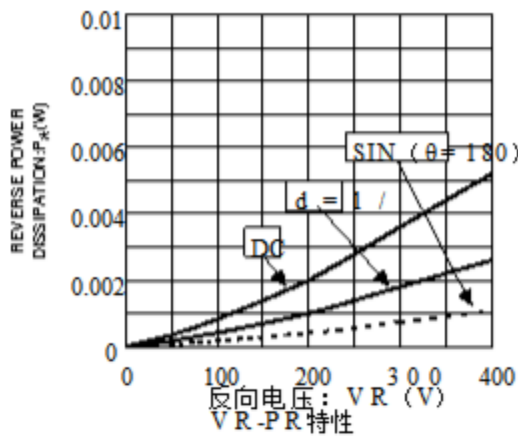


我 Ifsm 分散映射



trr分散图

周期数
我 FSM-CYCLE 特征时间: T (MS)
我 FSM-特点TIME: T (S)
Rth-t特性平均修正
正向电流: Io (A)
Io-Pf特性



笔记

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