

RJS6005TDPP-EJ

600V - 15A - 二极管
碳化硅肖特基势垒二极管

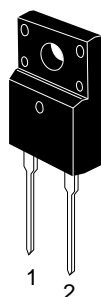
R07DS0900CJ0101
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Jan 23, 2013

特点

- 半导体新材料：碳化硅二极管
- 无反向恢复 / 无正向恢复

封装形式

RENESAS 封装代码: PRSS0002ZA-A
(封装名称: TO-220FP-2L)



1. 阴极
2. 阳极

绝对最大额定值

(Ta = 25°C)

参数	符号	额定值	单位
最大反向电压	V_{RM}	600	V
持续正向电流	I_F	15	A
正向浪涌脉冲电流	I_{FSM}	90	A
结温	T_j	150	°C
储存温度	T_{stg}	-55 to +150	°C

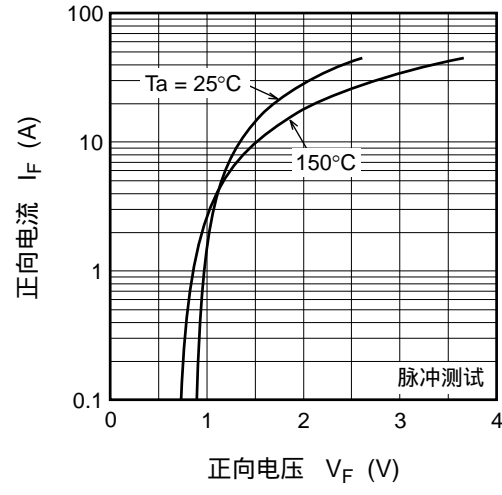
电特性

(Ta = 25°C)

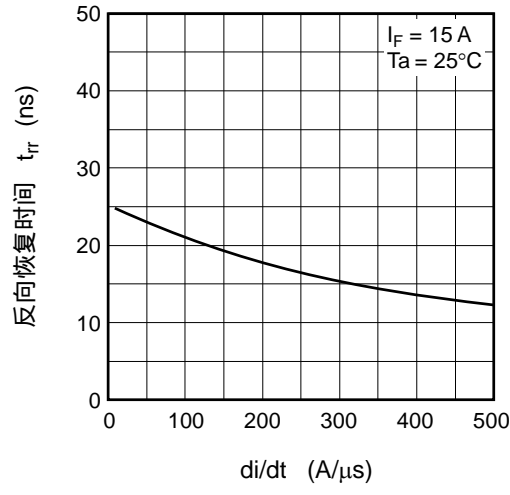
参数	符号	最小值	典型值	最大值	单位	测定条件
正向电压	V_F	—	1.5	1.8	V	$I_F = 15\text{ A}$
反向电流	I_R	—	—	10	μA	$V_R = 600\text{ V}$
反向恢复时间	t_{rr}	—	15	—	ns	$I_F = 15\text{ A}$, $di/dt = 300\text{ A}/\mu\text{s}$

主要特性

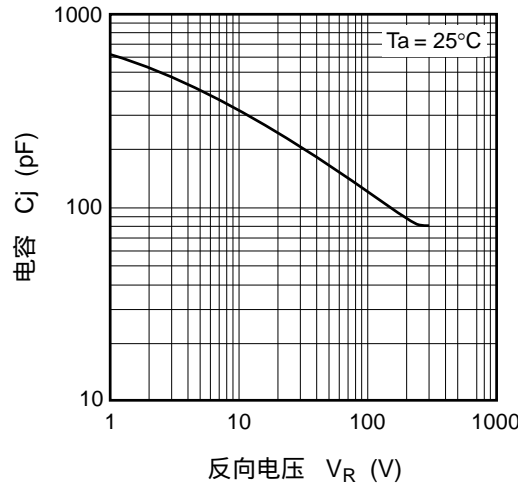
正向电流-正向电压 (典型)



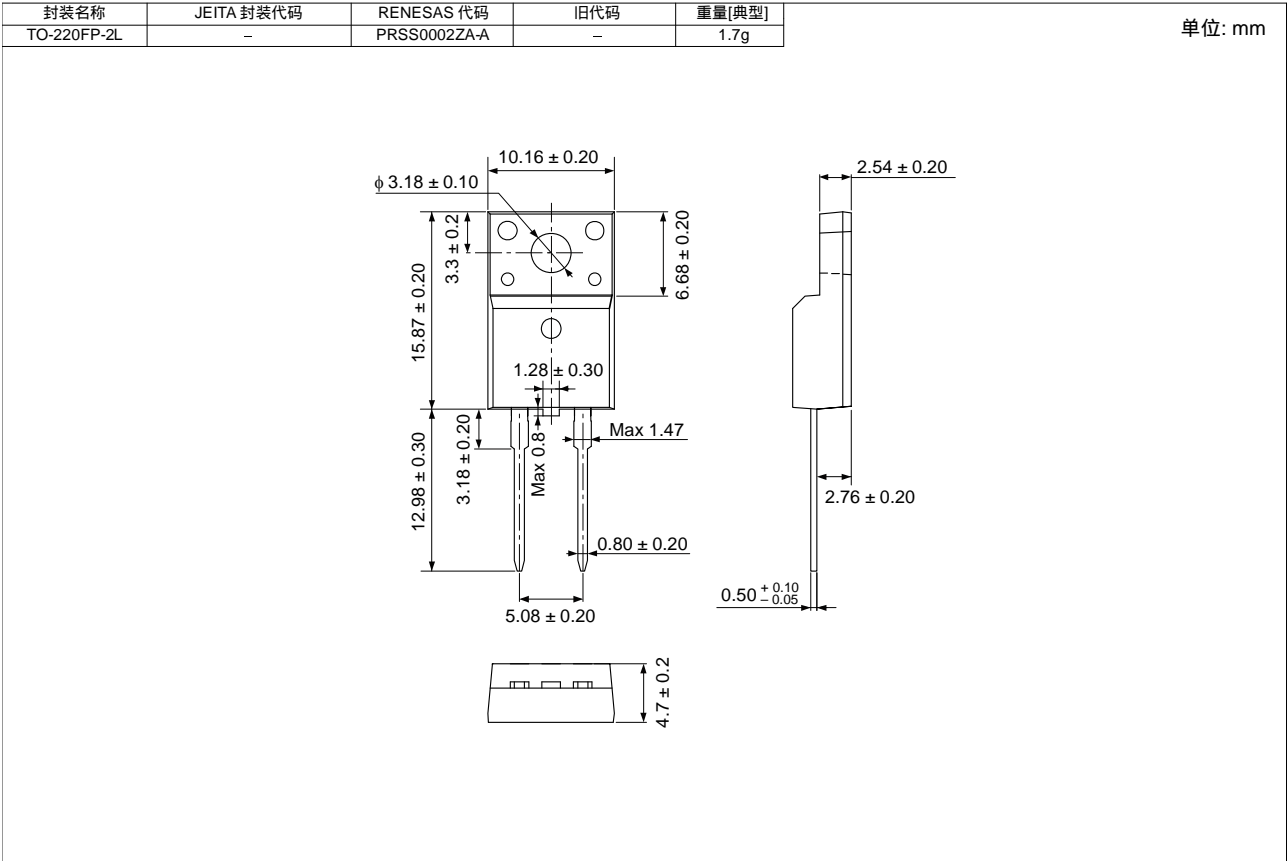
反向恢复时间-di/dt (典型)



电容-反向电压 (典型)



封装尺寸



订购信息

订购型号	数量	运输包装
RJS6005TDPP-EJ#T2	1000 枚	纸盒包装 (管状容器)

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