

# RJS6005TDPP-EJ

600V - 15A - 二极管  
碳化硅肖特基势垒二极管

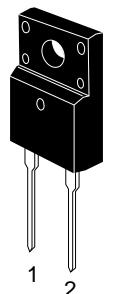
R07DS0900CJ0101  
修订版本 1.01  
Jan 23, 2013

## 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)

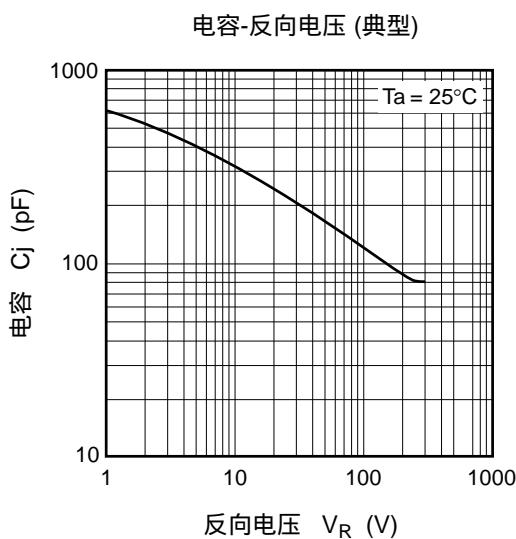
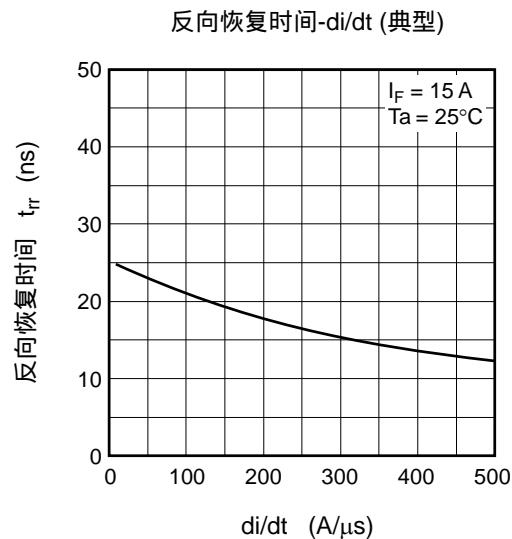
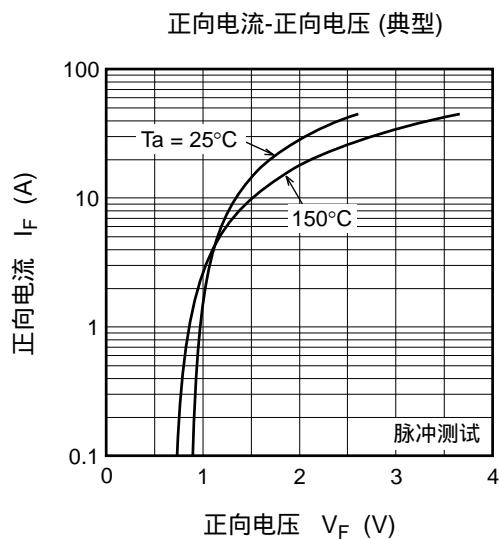
参数	符号	额定值	单位
最大反向电压	V <sub>RM</sub>	600	V
持续正向电流	I <sub>F</sub>	15	A
正向浪涌脉冲电流	I <sub>FSM</sub>	90	A
结温	T <sub>J</sub>	150	°C
储存温度	T <sub>stg</sub>	-55 to +150	°C

## 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 <sub>F</sub>	—	1.5	1.8	V	I <sub>F</sub> = 15 A
反向电流	I <sub>R</sub>	—	—	10	μA	V <sub>R</sub> = 600 V
反向恢复时间	t <sub>rr</sub>	—	15	—	ns	I <sub>F</sub> = 15 A, di/dt = 300A/μs

## 主要特性



## 封装尺寸

封装名称	JEITA 封装代码	RENESAS 代码	旧代码	重量[典型]	单位: mm
TO-220FP-2L	-	PRSS0002ZA-A	-	1.7g	

## 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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