

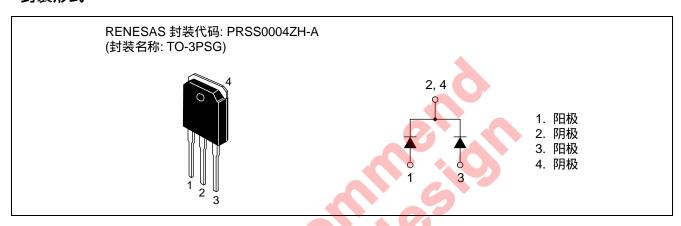
RJU60C6WDPK-M0

600V - 50A - 双二极管 超快速恢复二极管 R07DS0875CJ0100 修订版本 1.00 Nov 12, 2012

特点

- 快速反向恢复时间: t_{rr} = 100 ns 典型值 (I_F = 30 A, di/dt = 100 A/μs) 单二极管
- 低正向电压: V_F = 1.4 V 典型值 (I_F = 50 A) 单二极管
- 低反向电流: I_R = 1 μA 最大值 (V_R = 600 V) 单二极管

封装形式



绝对最大额定值

 $(Ta = 25^{\circ}C)$

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	Tc = 25°C	I _F 注1	50/100	А
(单二极管/双二极管)	Tc = 100°C	I _F ^{注1}	25/50	А
正向浪涌脉冲电流 (单二极管/双	二极管)	I _{FSM} 注1	140/280	А
结壳热阻	40	θj-cd	1.28	°C/W
结温		Tj	150	°C
储存温度		Tstg	−55 to +150	°C

注: 1. 单二极管/双二极管

电特性

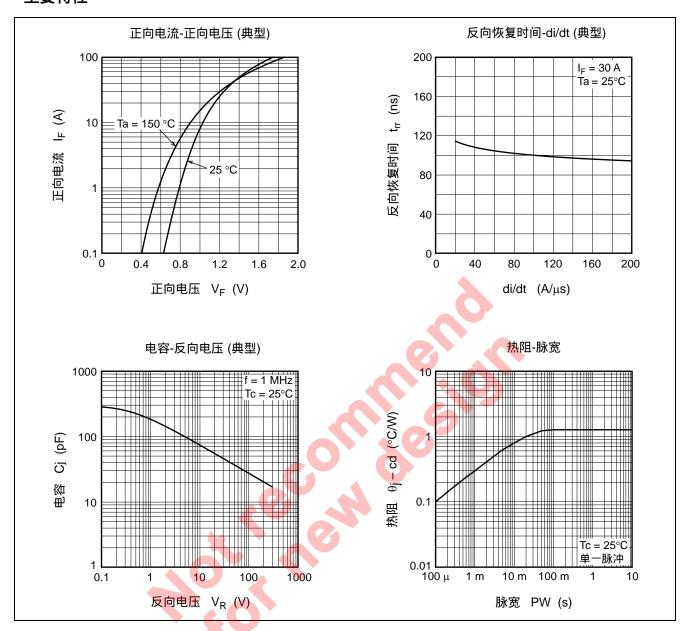
 $(Ta = 25^{\circ}C)$

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 ^{注2}	_	1.4	2.0	V	I _F = 50 A
反向电流	I _R 注1	_	_	1/2	μΑ	V _R = 600 V
反向恢复时间	t _{rr} 注2		100		ns	$I_F = 30 \text{ A}, \text{ di/dt} = 100 \text{ A/}\mu\text{s}$

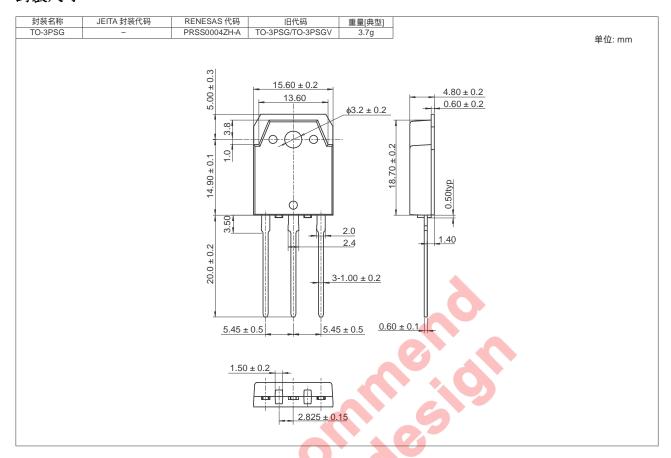
注: 1. 单二极管/双二极管

2. 单二极管

主要特性



封装尺寸



订购信息

订购型号	数量	运 输 包装
RJU60C6WDPK-M0#T0	360 枚	纸盒包装 (管状容器)

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