

RS5AC~RS5MC

Rev.B Feb.-2021



DATA SHEET

/ Descriptions

50V ~ 1000V 5.0A SMC

Surface Mount Fast Recovery Rectifiers, Reverse Voltage 50 to 1000V, Forward Current: 5.0A, SMC package.

/ Features

RoHS 2011/65/EU

Glass Passivated Chip Junction, Fast reverse recovery time, Lead free in comply with EU RoHS 2011/65/EU directives, For surface mounted applications, HF product.

/ Applications

General purpose.

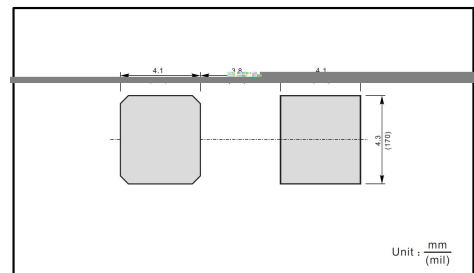
/ Equivalent Circuit



/ Pinning



The recommended mounting pad size



/ Marking

See Marking Instructions.

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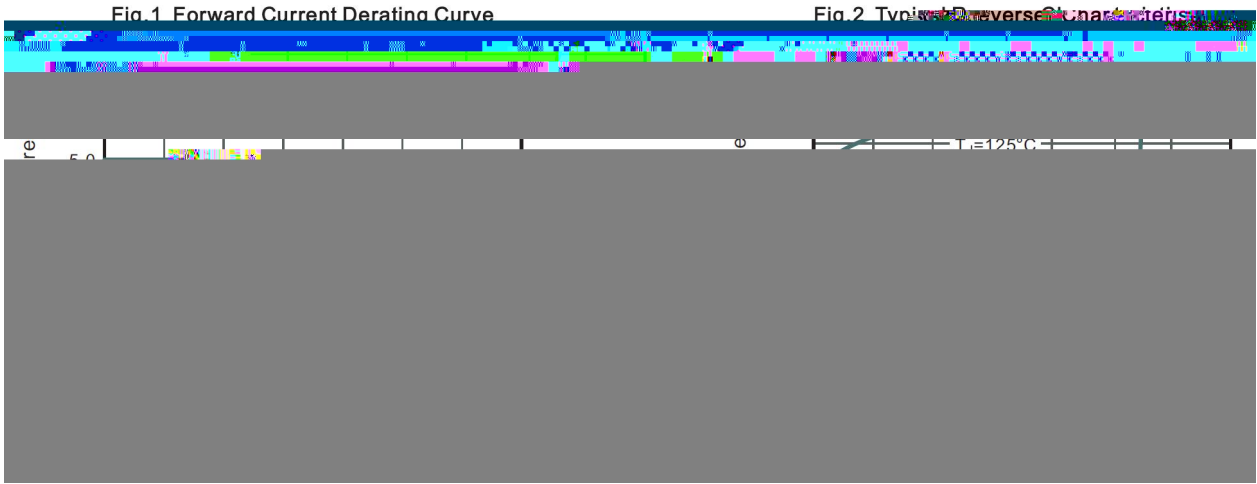


DATA SHEET

| 参数 Parameter | 符号 Symbol | 数值 Rating | | | | | | | 单位 Unit |
|-----------------|--------------|--------------|-------|-------|-------|-------|-------|-------|------------|
| | | RS5AC | RS5BC | RS5DC | RS5GC | RS5JC | RS5KC | RS5MC | |



/ Electrical Characteristic Curve

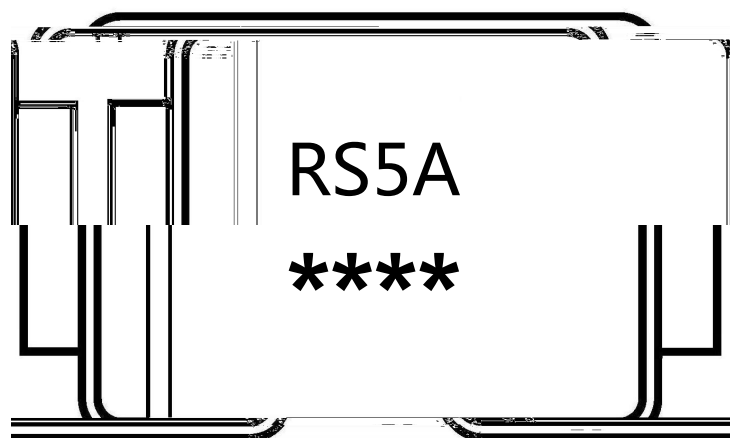


/ Marking Instructions

Marking



/ Marking Instructions



说明：

RS5A： 为型号代码

****： 为生产批号追溯码，第1个*为年月代码，后面3个*为当月小批号代码

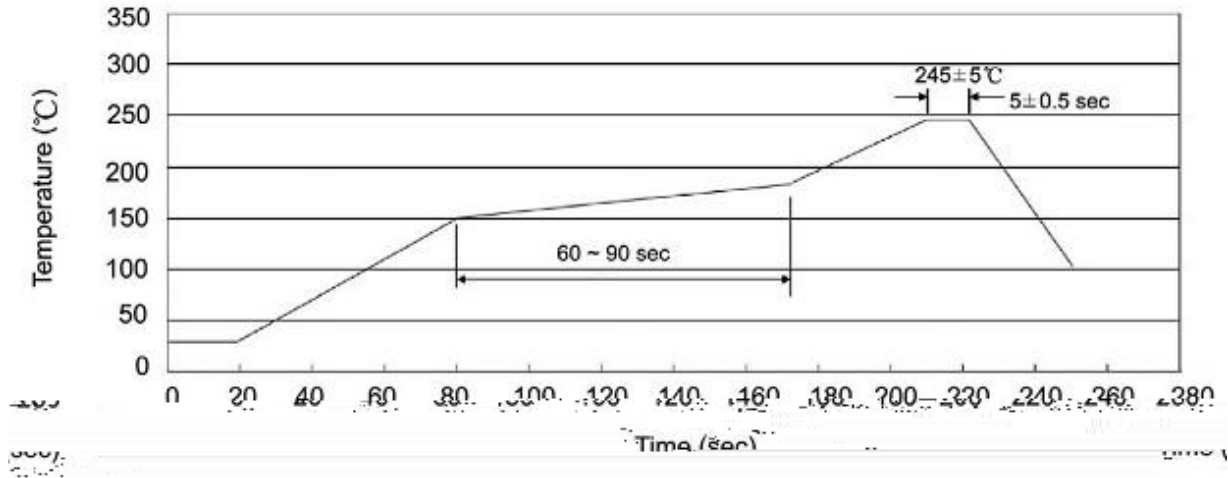
Note:

RS5A： Product Type Code

****： Lot No. Code ,The 1st * means:YM Code ,The last 3 * means:little Lot No
Code



() / Temperature Profile for IR Reflow Soldering(Pb-Free)



说明：

- 1、预热温度 150~180°C，时间 60~90sec；
- 2、峰值温度 245±5°C，时间持续为 5±0.5sec；
- 3、焊接制程冷却速度为 2~10°C/sec.

Note:

- 1.Preheating:150~180°C, Time:60~90sec.
- 2.Peak Temp.:245±5°C, Duration:5±0.5sec.
3. Cooling Speed: 2~10°C/sec.

/ Resistance to Soldering Heat Test Conditions

温度：260±5°C

时间：10±1 sec.

Temp.:260±5°C

Time:10±1 sec

/ Packaging SPEC.

卷盘包装 / REEL

| Package Type | Units | | | | | Dimension (unit mm ³) | | |
|--------------|--------------------|-------------------------|------------------------|------------------------------|------------------------|-----------------------------------|------------|-------------|
| | Units/Reel 只/卷盘 | Reels/Inner Box 卷盘/盒 | Units/Inner Box 只/盒 | Inner Boxes/Outer Box 盒/箱 | Units/Outer Box 只/箱 | Reel | Inner Box | Outer Box |
| SMC | 3000 | 2 | 6000 | 6 | 36000 | 13" x16 | 337X337X49 | 380X335X366 |

/ Notices