

RS5AC~RS5MC

Rev.B Feb.-2021



DATA SHEET

/ Revised record

A	2019-7-25	ALL	SMC-RS5AC_RS5MC		
B	2021-2-9	7			



/ Descriptions

50V~1000V

5.0A

SMC

Surface Mount Fast Recovery Rectifiers, Reverse Voltage 50 to1000V,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.

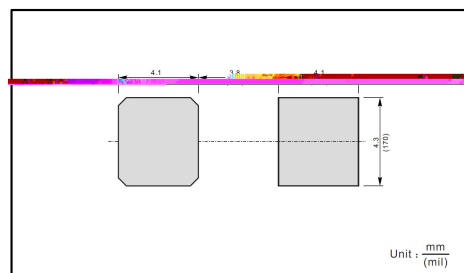
/ Equivalent Circuit



/ Pinning



The recommended mounting pad size

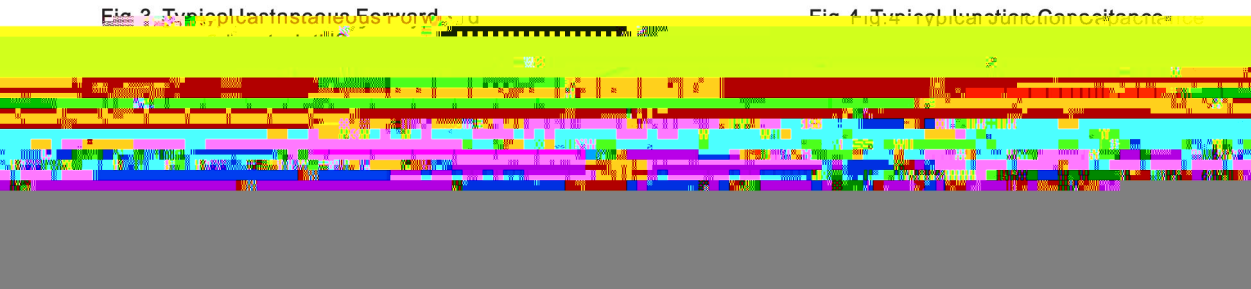
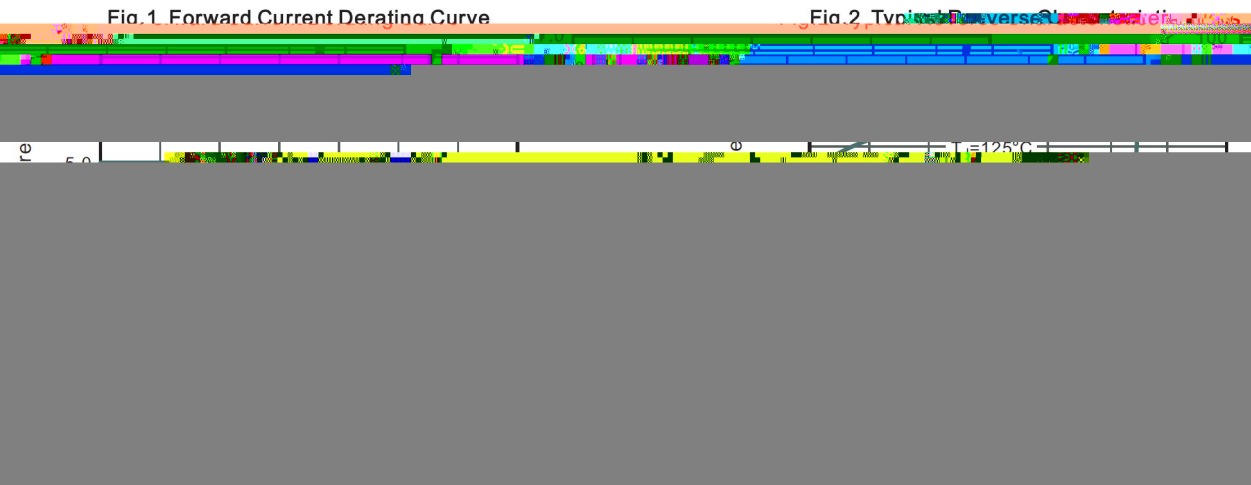


/ Marking

See Marking Instructions.

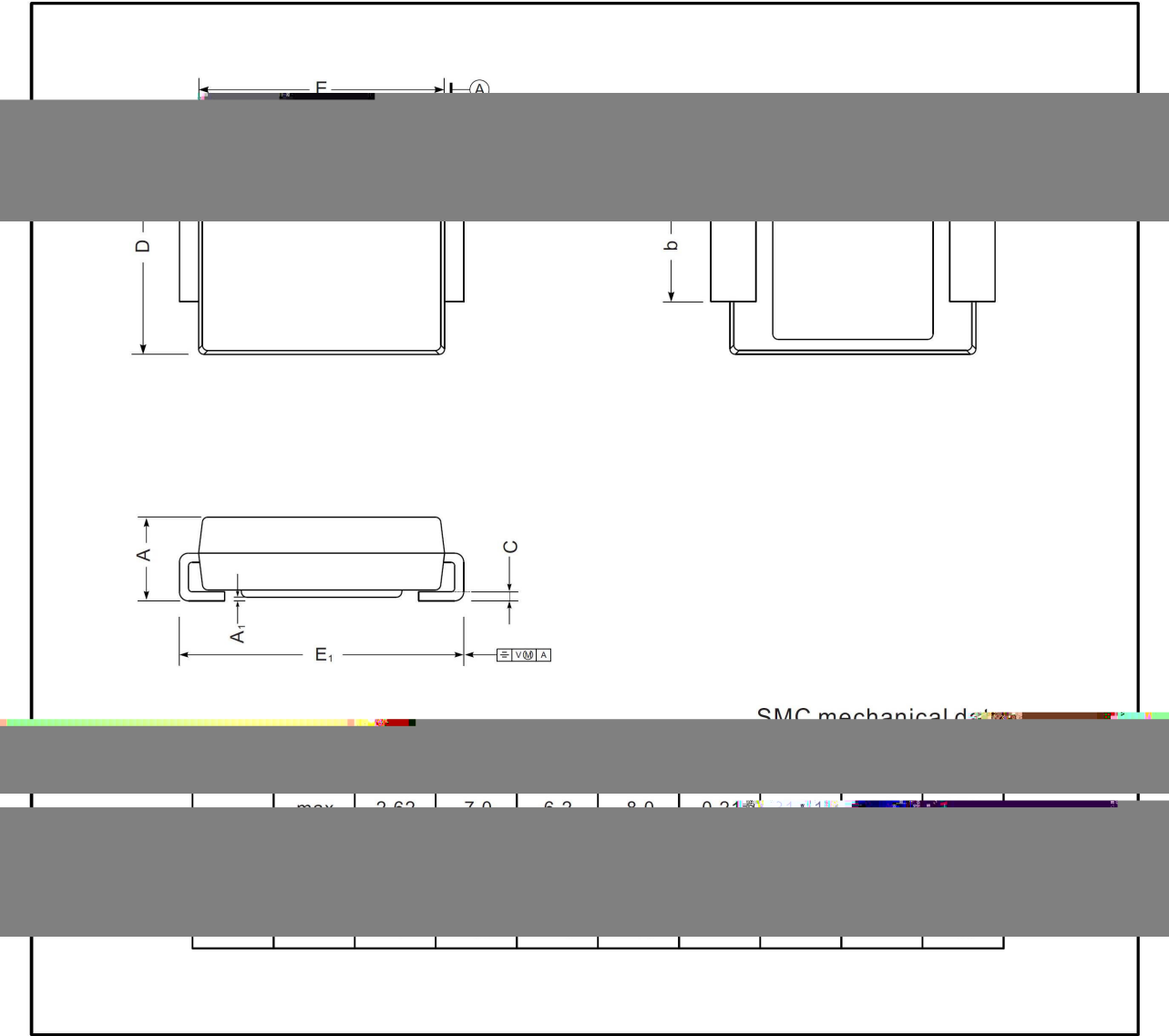
参数 Parameter	符号 Symbol	数值 Rating							单位 Unit
		RS5AC	RS5BC	RS5DC	RS5GC	RS5JC	RS5KC	RS5MC	

/ Electrical Characteristic Curve



/ Package Dimensions

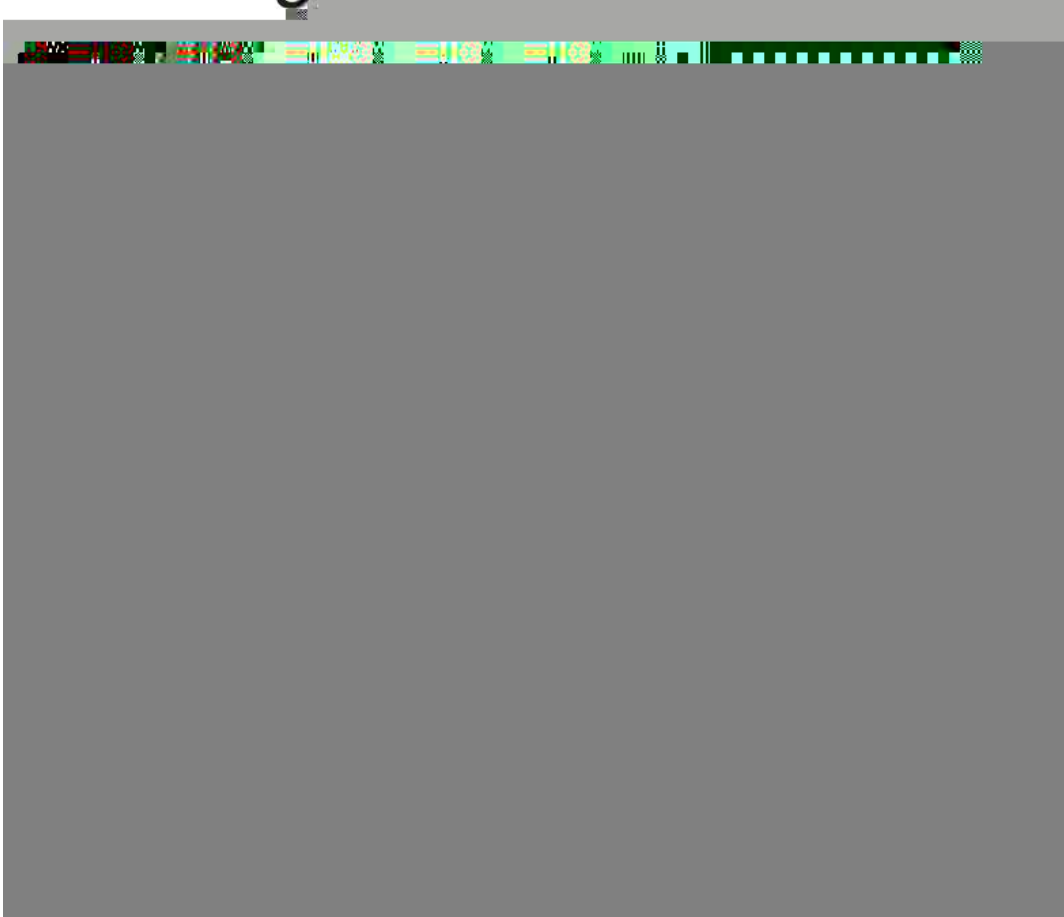
SMC

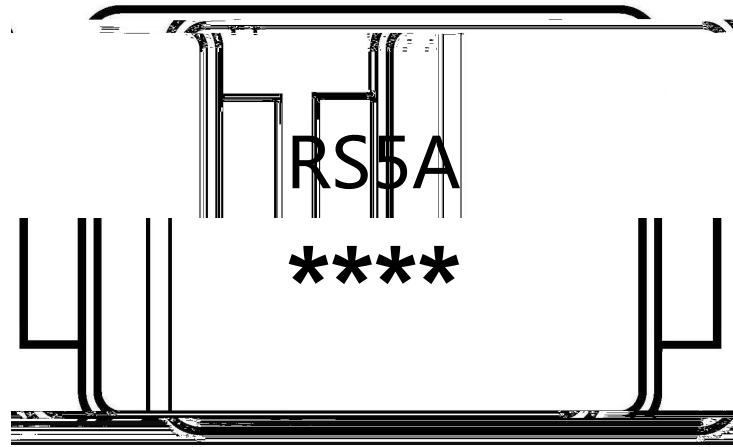




/ **Marking Instructions**

Marking



/ Marking Instructions

说明：

RS5A： 为型号代码

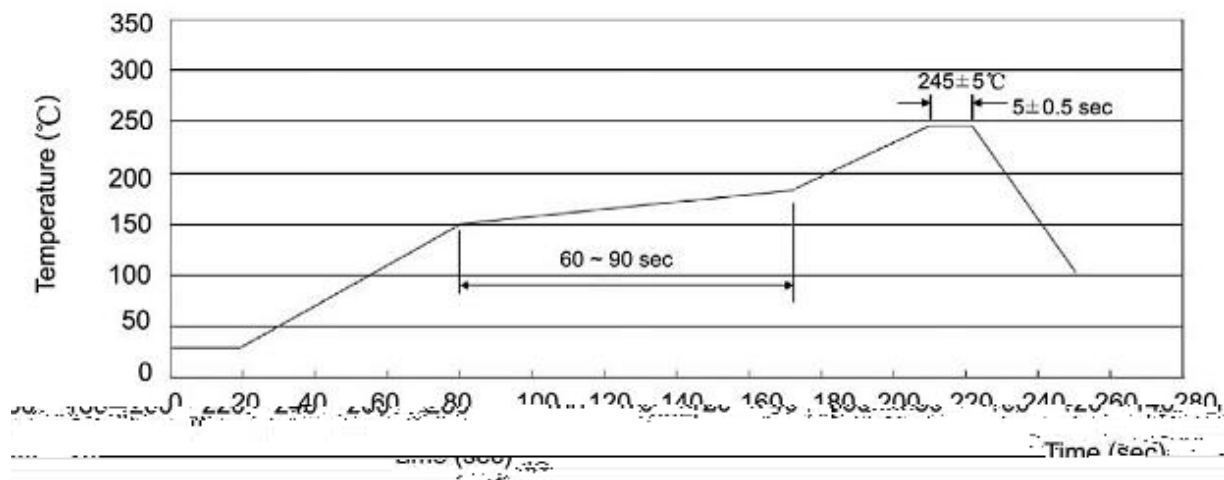
****： 为生产批号追溯码，第 1 个 为年月代码，后面 3 个 为当月小批号代码

Note:

RS5A： Product Type Code

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

() /



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" ×16	337X337X49	380X335X366

/ Notices