

A	2019-3-21	ALL			

S5AC~S5MC

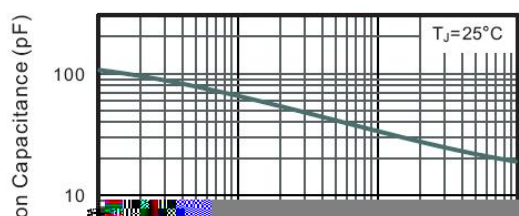
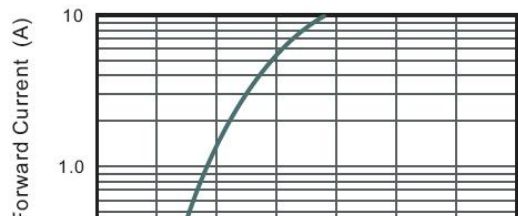
Rev. B Feb

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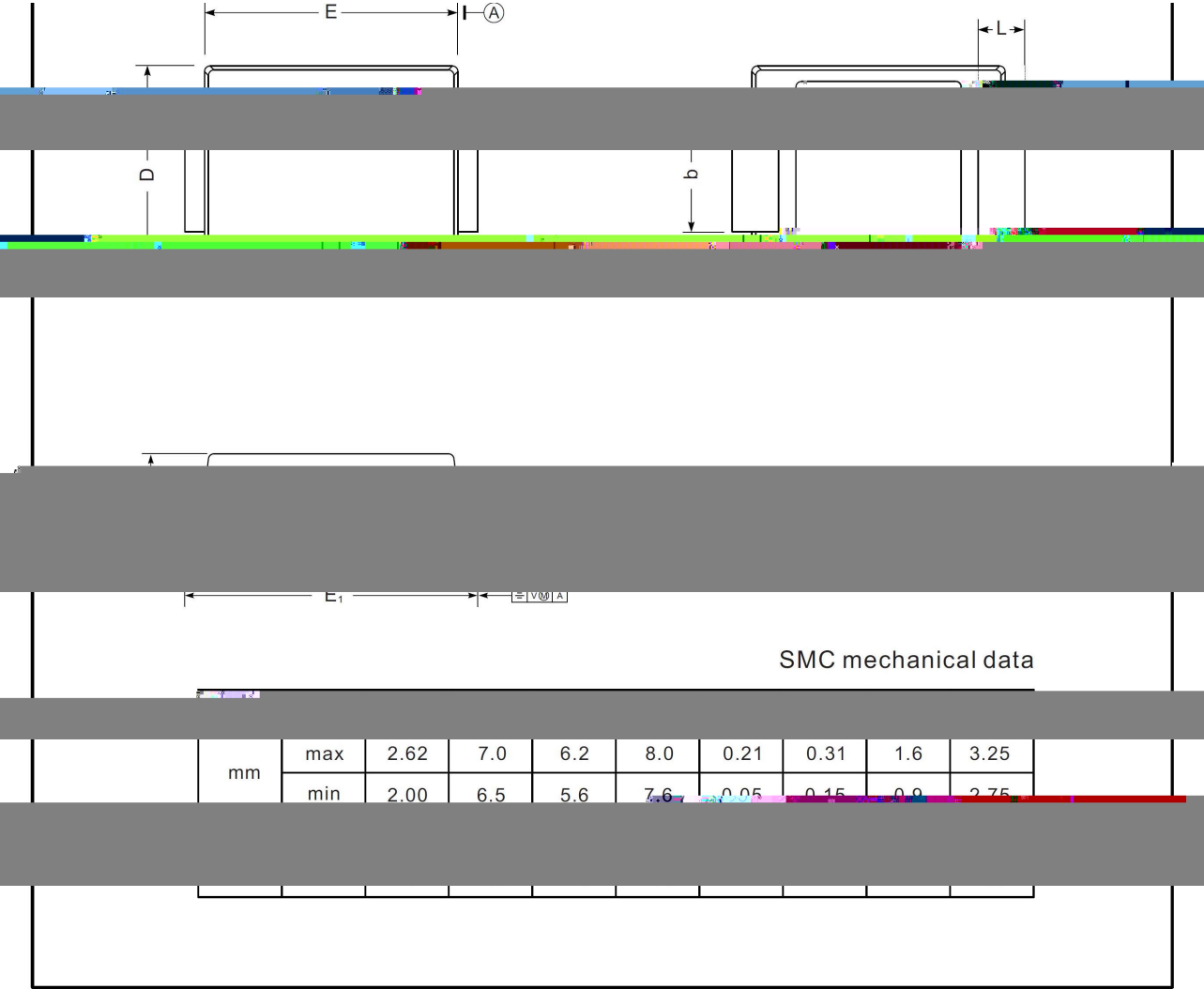
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参数 Parameter	符号 Symbol	数值 Rating							单位 Unit
		S5AC	S5BC	S5DC	S5GC	S5JC	S5KC	S5MC	
Maximum Repetitive Peak Reverse Voltage	V _{RRM}	50	100	200	400	600	800	1000	V
Maximum RMS voltage	V _{RMS}	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	V _{DC}	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Current	I _{F (AV)}	5.0							A
Peak Forward Surge Current,8.3ms Single Half Sine-wave Superimposed on Rated Load	I _{FSM}	120							A
Typical Junction Capacitance ¹⁾	C _i	50							pF
Typical Thermal Resistance ²⁾	R _{θJA}	35							℃/W
	R _{θJC}	13							
Operating Junction Temperature Range	T _j	h -55~+150							℃

/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



说明

S5A : 为型号代码

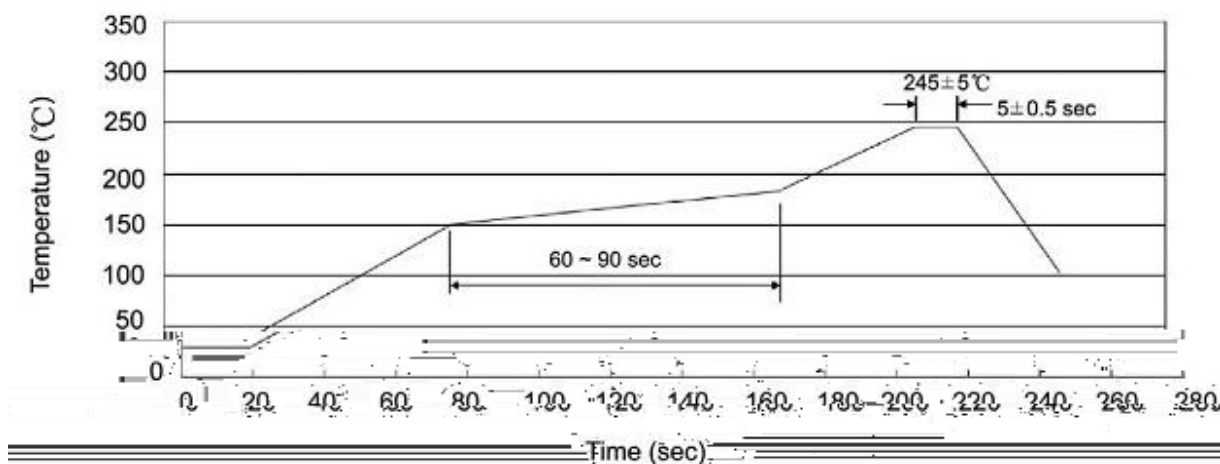
**** : 为生产批号追溯码，第 1 个*为年月代码，后面 3 个*为当月小批号代码

Note:

S5A : 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)



Note:

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

/ Resistance to Soldering Heat Test Conditions

260±5°C 10±1 sec. Temp.:260±5°C Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (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 盒	Outer Box 箱
SMC	3000	2	6000	6	36000	13" ×16	337X337X49	380X335X366

/ Notices