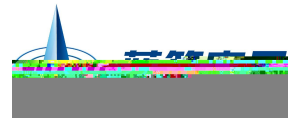


US5AC~US5MC



DATA SHEET

/ Revised record

[illegible]

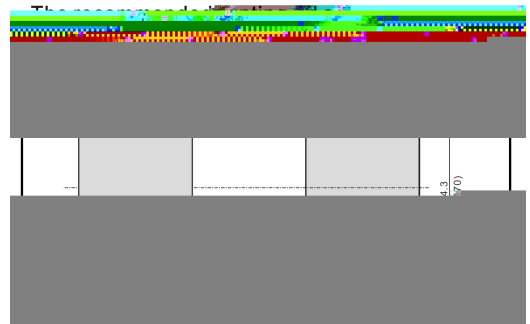
/ Descriptions

5.0A SMC

RoHS 2011/65/

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1 7



/ Absolute Maximum Ratings(Ta=25)

参数	参数符号	数值							单位
℃	()								
									℃
									℃

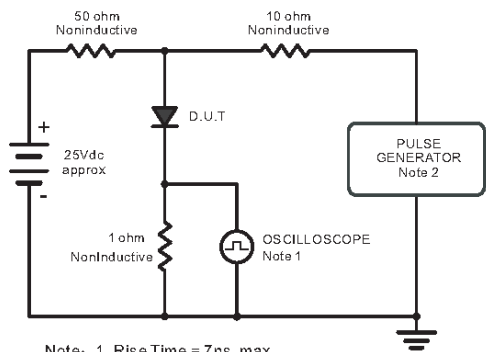
/ Electrical Characteristics(Ta=25)

参数	参数符号	测试条件	数值						单位
		℃							
		℃							



Electrical Characteristic Curve

Fig.1 Reverse Recovery Time Characteristic And Test Circuit Diagram



Note: 1. Rise Time = 7 ns, max.
Input Impedance = 1 megohm, 22pF.
2. Rise Time = 10 ns, max.
Source Impedance = 50 ohms.

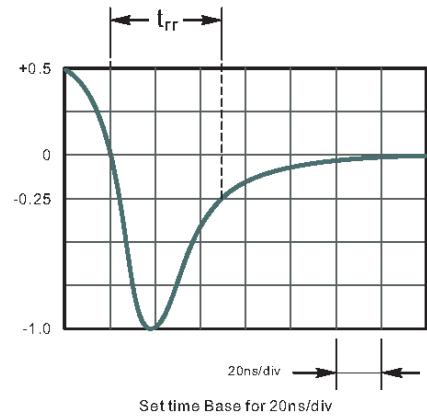


Fig.2 Maximum Average Forward Current Rating

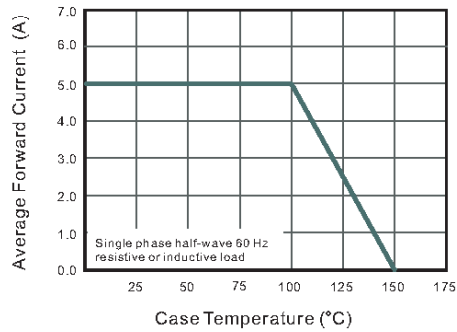


Fig.3 Typical Reverse Characteristics

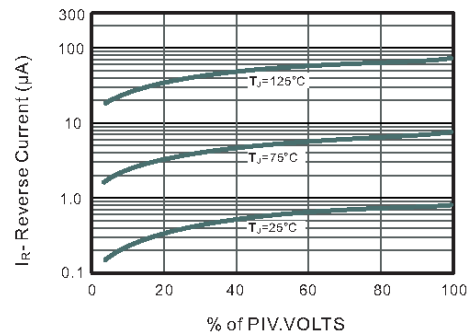


Fig.4 Typical Forward Characteristics

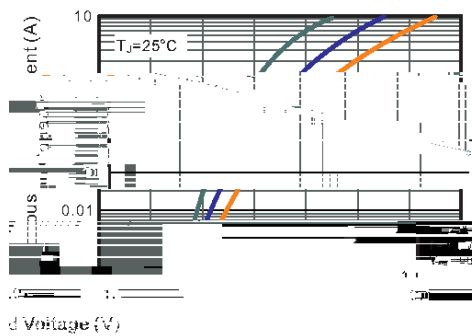
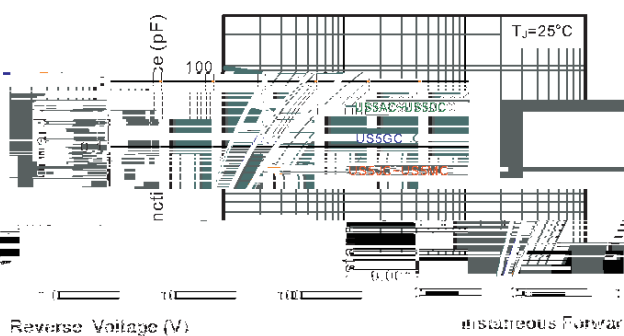


Fig.5 Typical Junction Capacitance



Repetitive Peak Forward Current

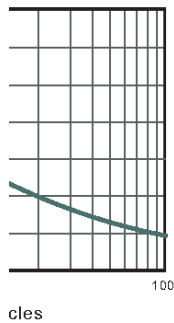
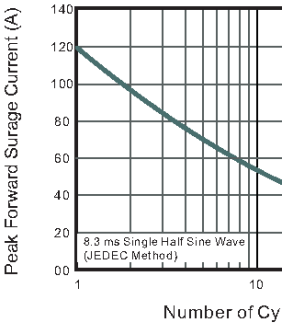


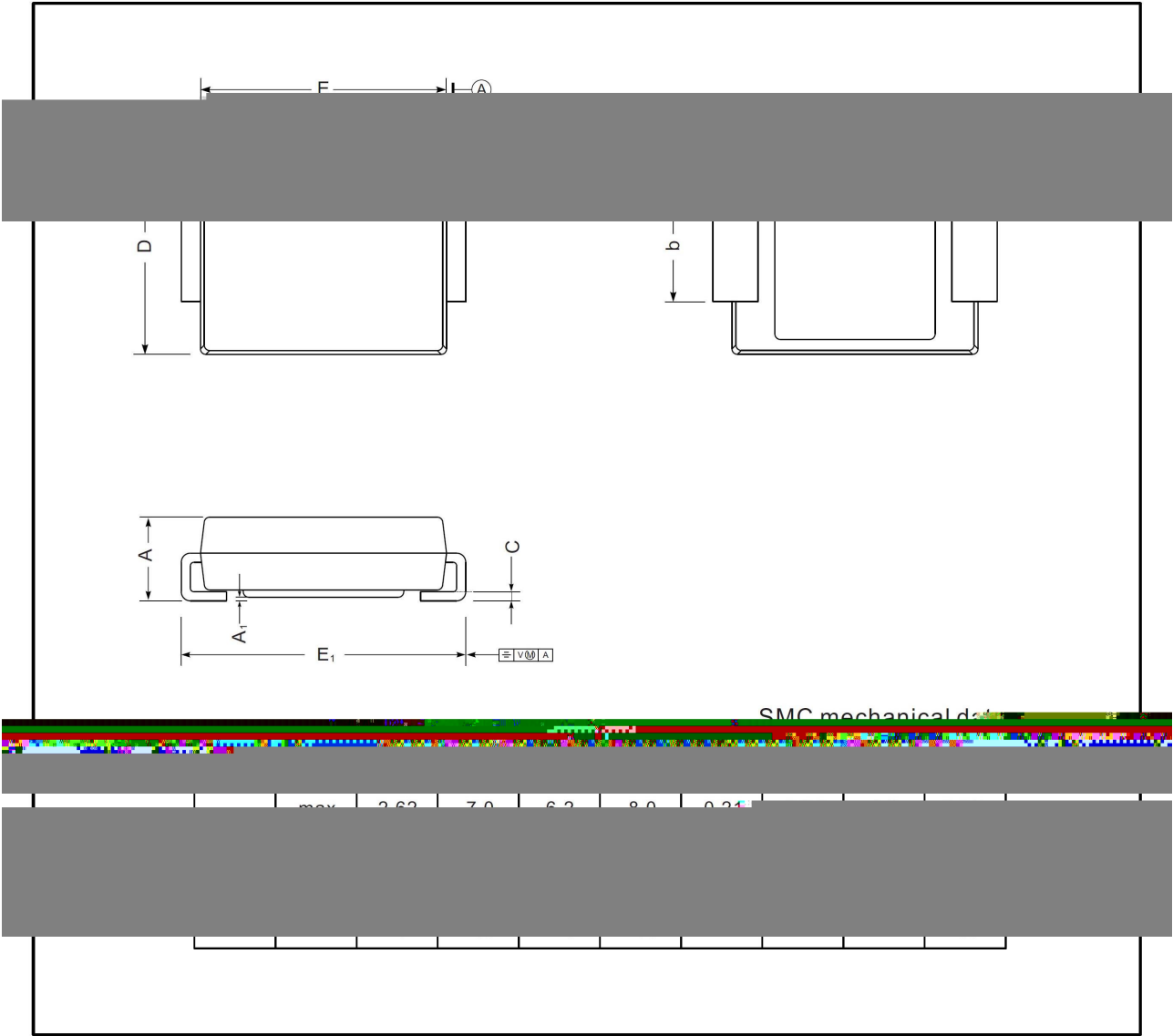
Fig.6 Maximum Non-Forward Surge





/ Package Dimensions

SMC





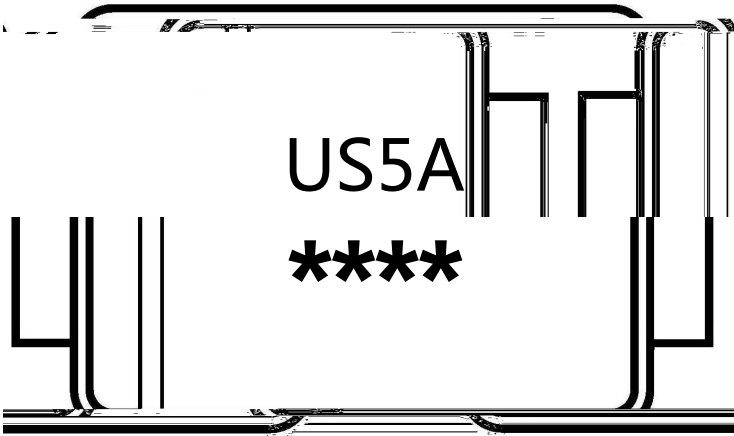
/ Marking Instructions

Marking

Type number		Marking code
I	U3500	U3500
I	U3501	U3501
I	U3502	U3502
I	U3503	U3503
I	U3504	U3504
I	U3505	U3505
I	U3506	U3506



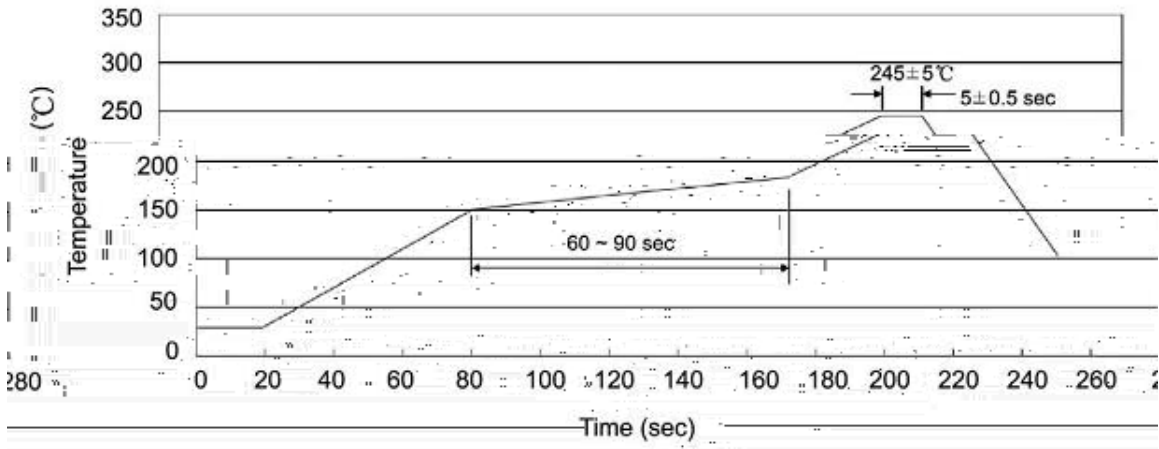
/ Marking Instructions



US5A				
****	1	*	3	*
US5A				
****	*		*	



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



± °C ± °C ± °C ± °C

/ Resistance to Soldering Heat Test Conditions

± °C ± °C ± °C ± °C

/ Packaging SPEC.

	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
						"		

/ Notices