

/ Descriptions

Surface Mount General Purpose Silicon Rectifiers, Reverse Voltage: 50 to 1000V, Forward Current: 2.0A, SOD-123FL thin package.

/ Features

Glass Passivated Chip Junction, Lead free in comply with EU RoHS 2011/65/EU directives, For surface mounted applications. Halogen free product.

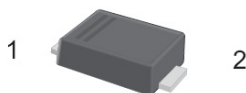
/ Applications

General purpose.

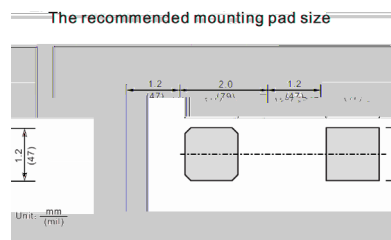
/ Equivalent Circuit



/ Pinning



PIN	DESCRIPTION
1	Cathode
2	Anode

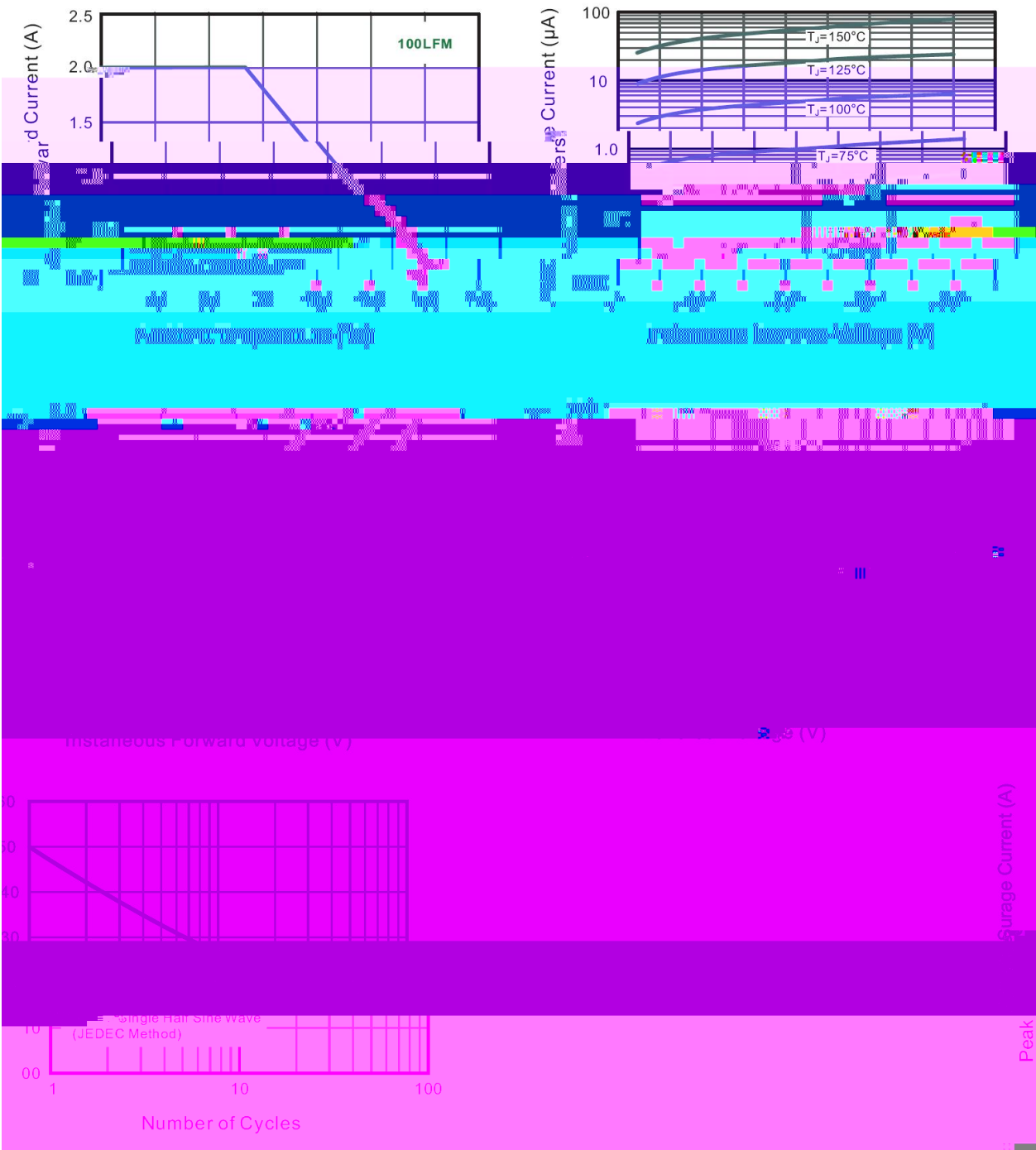


/ Marking

See Marking Instructions.

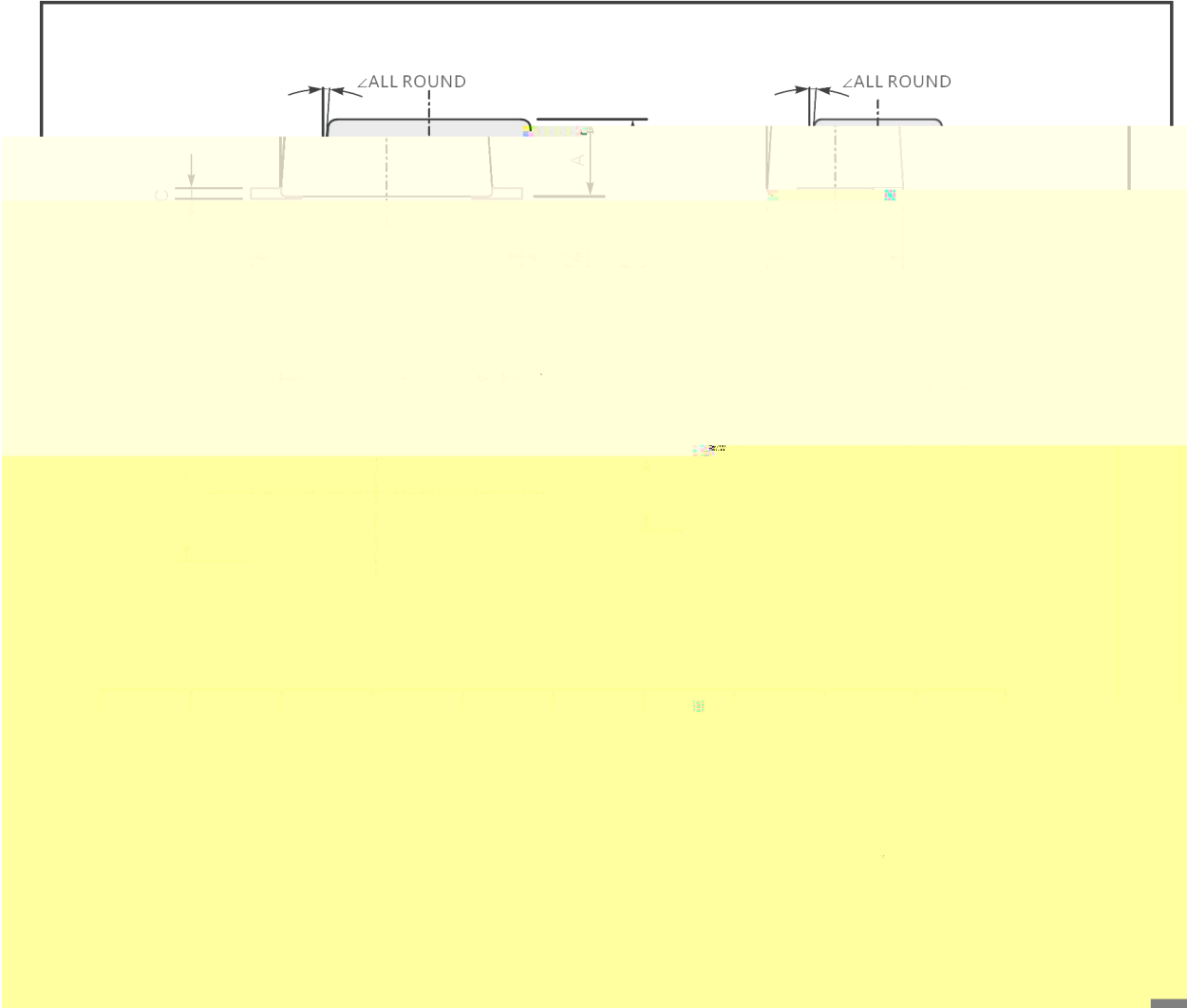
Parameter	Symbol	Rating							Unit
		S2AW	S2BW	S2DW	S2GW	S2JW	S2KW	S2MW	
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	50	100	200	400	600	800	1000	V
Maximum RMS voltage	V_{RMS}	35	70	140	280	420	560	700	V

/ Electrical Characteristic Curve



/ Package Dimensions

SOD-123FL

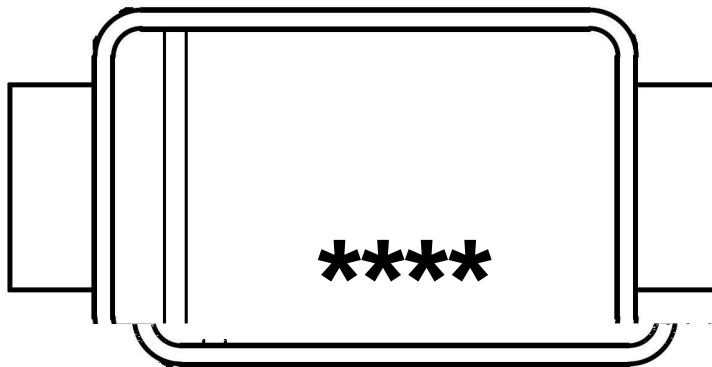


/ Marking Instructions

Marking

Type number	Marking code
2A1	S2AW
2A2	S2BW
2A3	S2CW
2A4	S2GW
2A5	S2JW
2A6	S2KW
2A7	S2MW

/ Marking Instructions



*

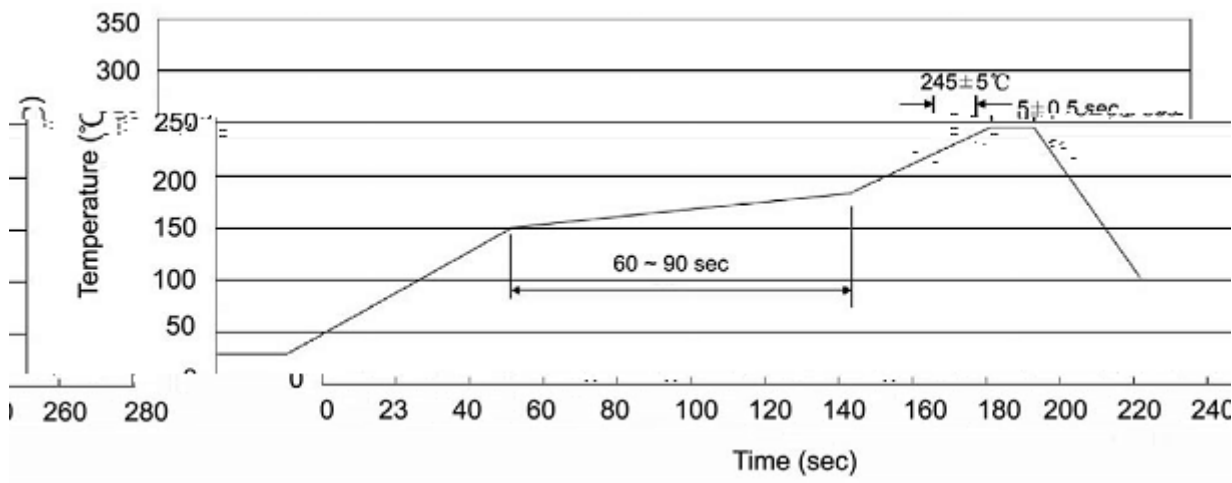
*

Note:

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

25 150

60 90sec;
- 2

245 5

5 0.5sec;
- 3

2 10 /sec.
- 1.Preheating:25~150 , Time:60~90sec.

2.Peak Temp.:245 5 , Duration:5 0.5sec.

3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

260 5 10 1 sec. Temp.:260 5 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)		
	只 卷盘	卷盘 盒	只 盒	盒 箱	只 箱		盒	箱
SOD-123FL	3000	8	24000	5	120000	7" ×11	185X180X105	390X385X205

/ Notices