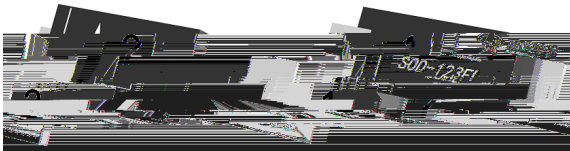


Rev.F Apr.-2024

50V ~ 1000V      1.0A      SOD-123FL  
 Surface Mount Fast Recovery Rectifiers    Reverse Voltage    50 to1000V,Forward Current    1.0A,  
 SOD-123FL thin package.

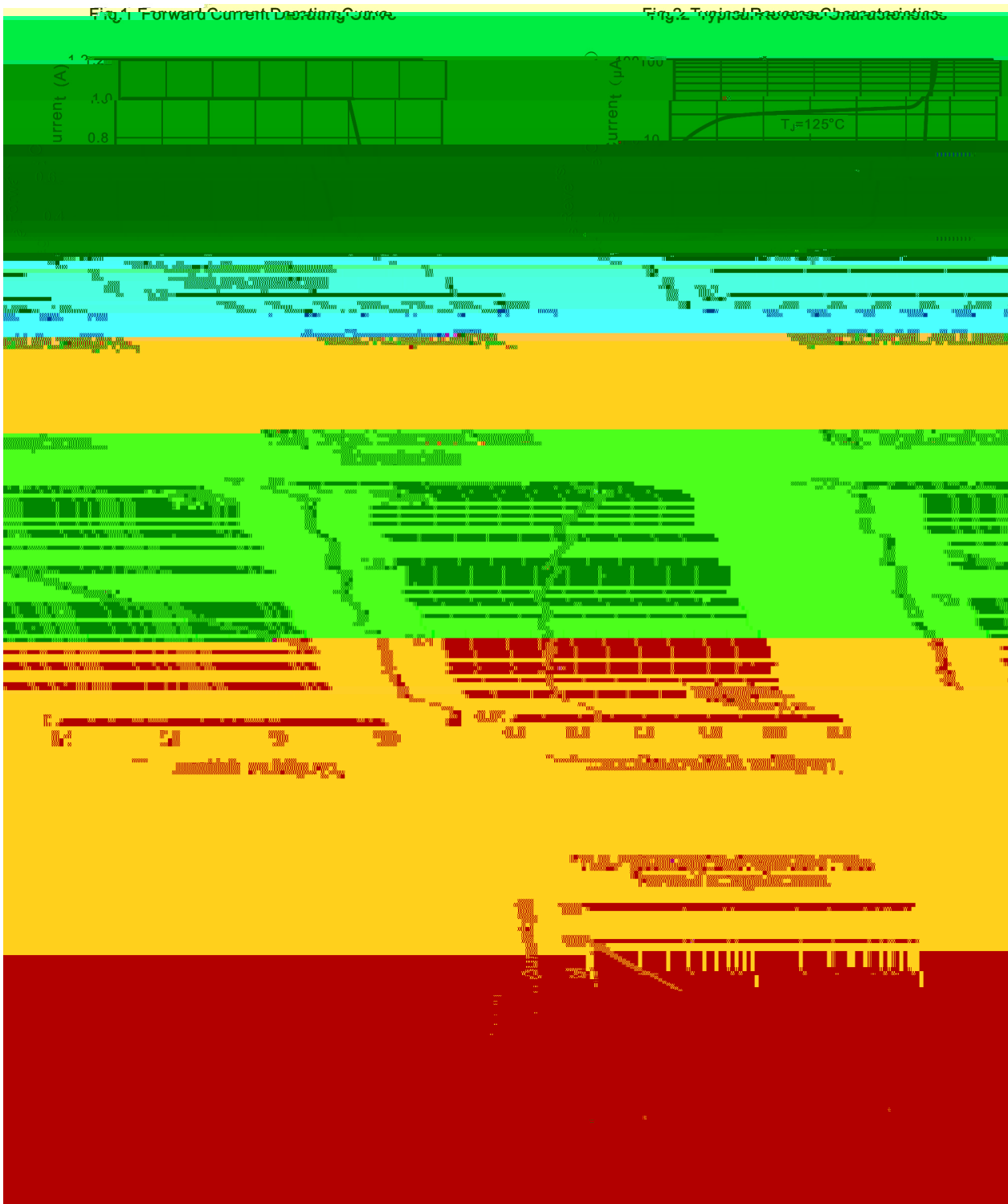
RoHS      2011/65/EU  
 Glass Passivated Chip Junction,Fast reverse recovery time,Lead free in comply with EU R HS  
 2011/65/EU directives,For surface mounted applications,HF Product.

General purpose.

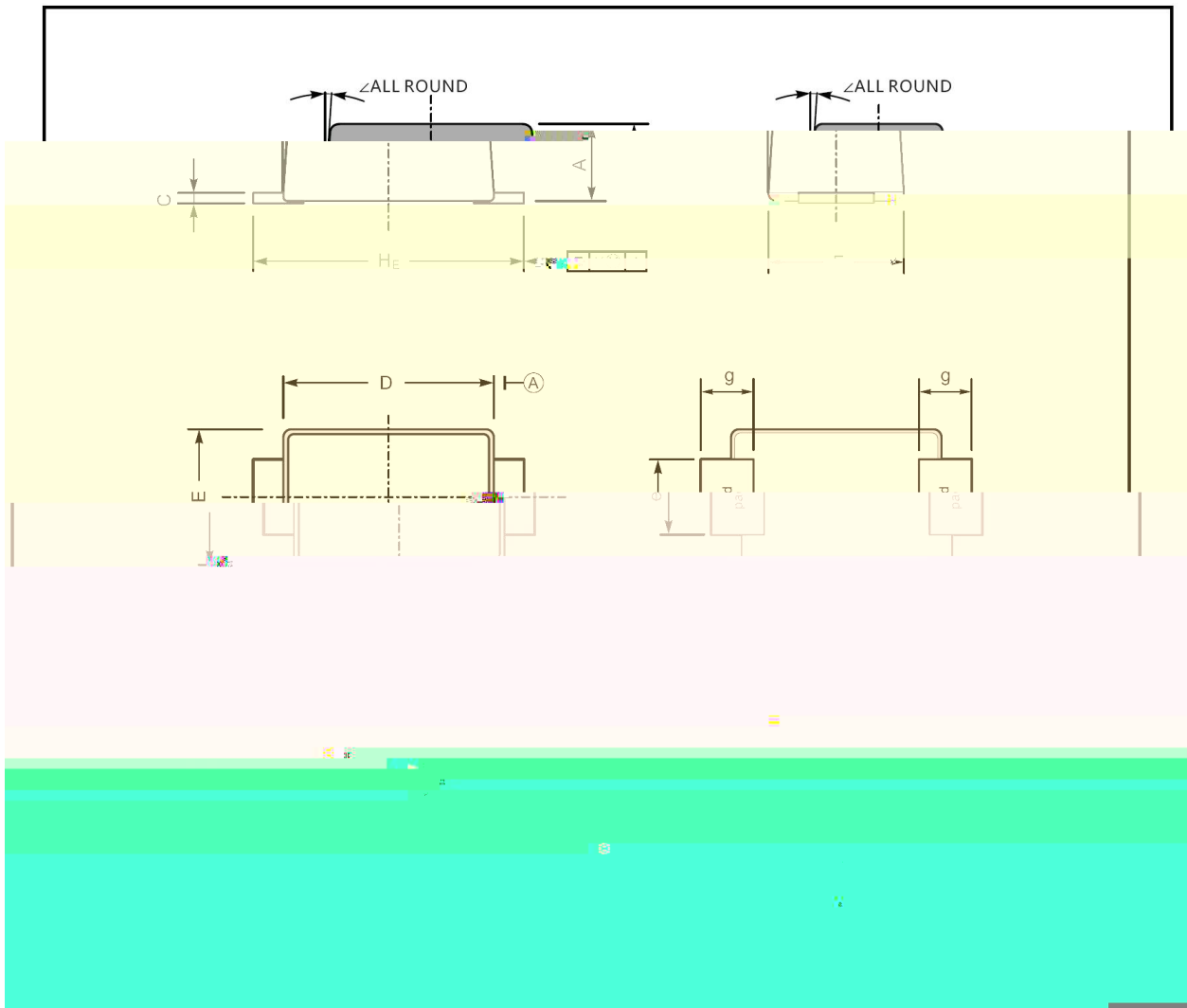


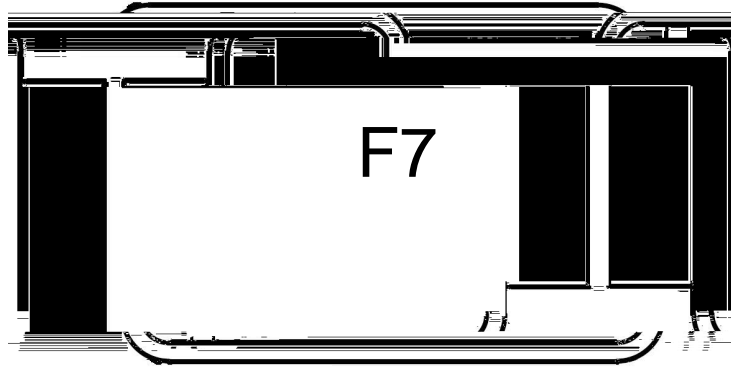
Type number	FR101W	FR102W	FR103W	FR104W	FR105W	FR106W	FR107W
Marking code			F2			F5	F7

Parameter	Symbol	Rating	Unit
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SOD-123FL





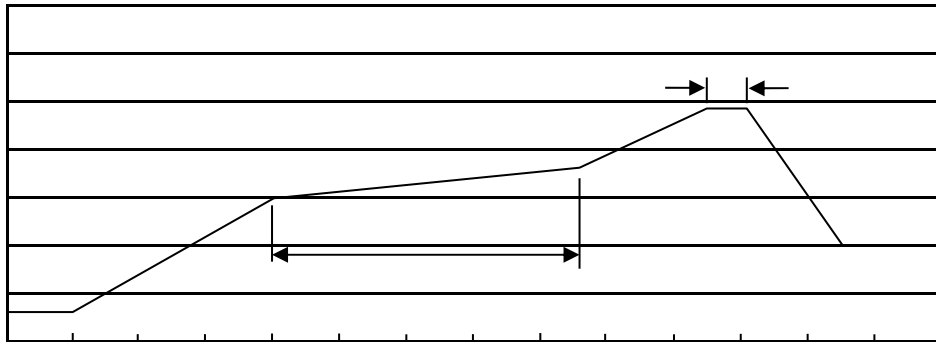
F7

Note:

F7      Product Type Code

Lot No. Code, code change with Lot No

Type number	Marking code
FR101W	F2
FR102W	
FR103W	
FR104W	
FR105W	F5
FR106W	F7
FR107W	

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

**Note:**

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

260±5

10±1 sec.

Temp.:260±5

Time:10±1 sec

/ REEL

Package Type	Units					Dimension (unit mm <sup>3</sup> )		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
SOD-123FL	3,000	8	24,000	6	144,000	7 x8	185x180x105	390x385x205