

50V~1000V

1.0A

SOD-123FL

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

RoHS2011/65/EU

Glass Passivated Chip Junction,Fast reverse recovery time,Lead free in comply with EU R0HS
2011/65/EU directives,For surface mounted applications,HF Product.

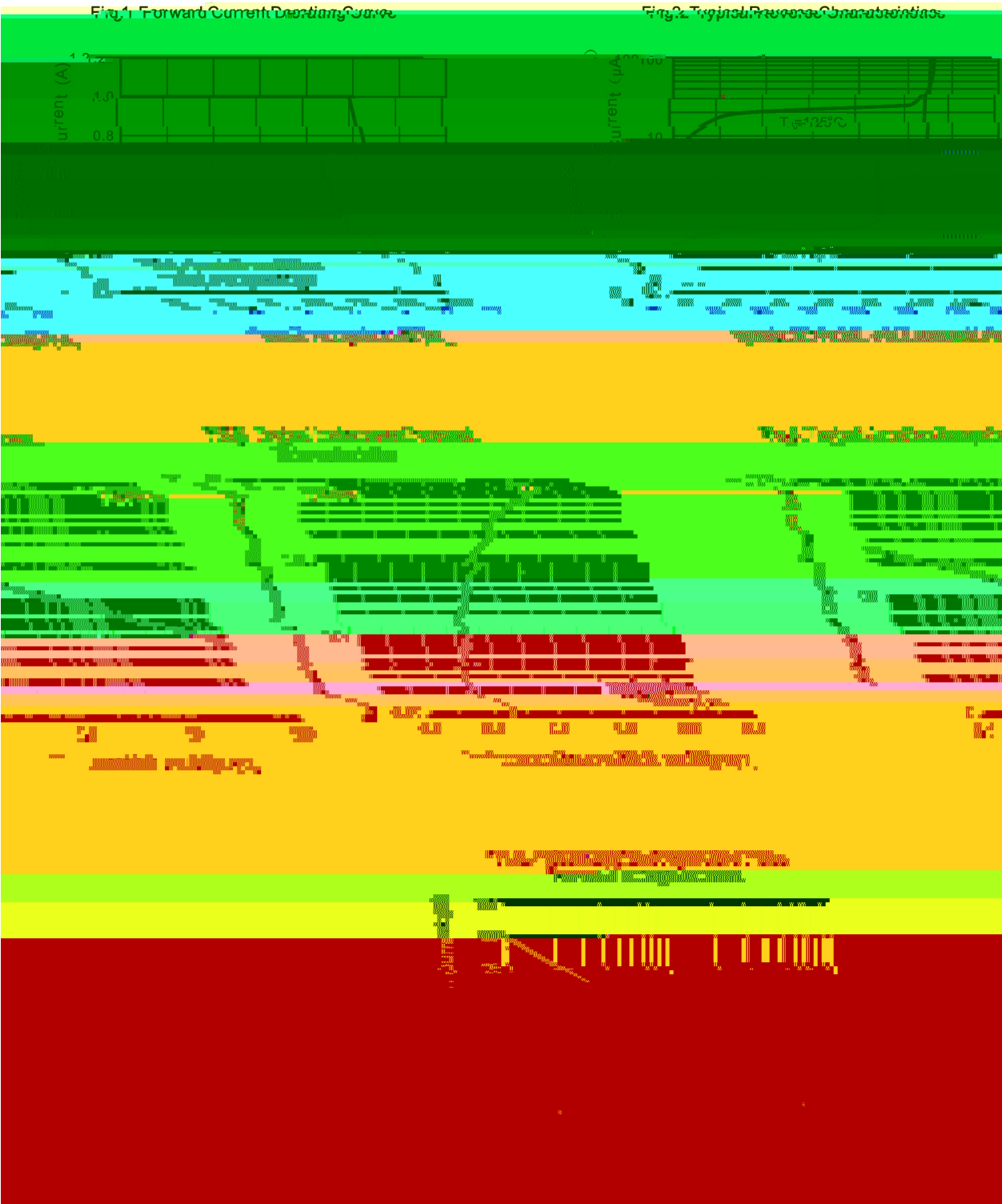
General purpose.



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

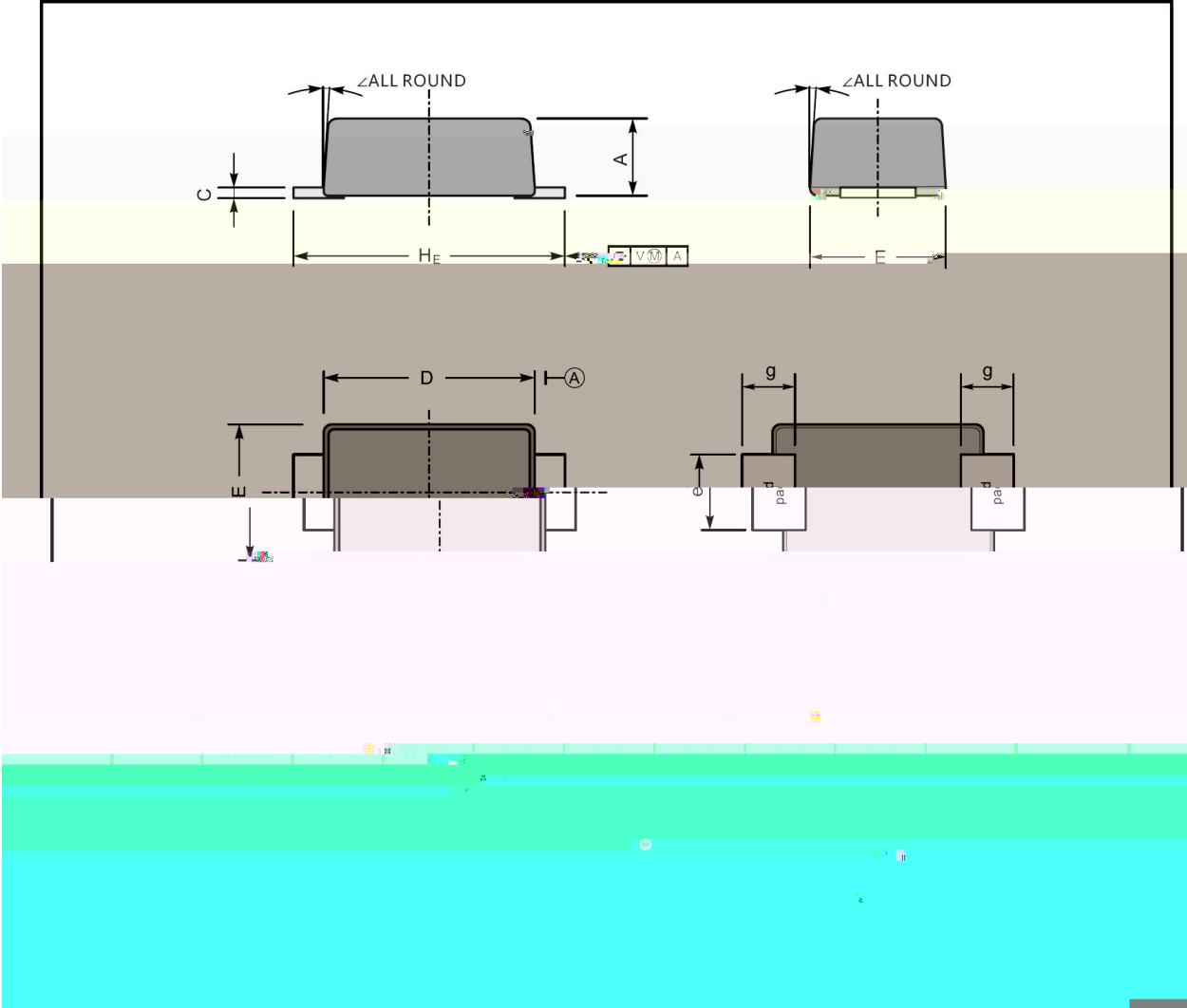
Parameter	Symbol	Rating	Unit
-----------	--------	--------	------

/ Electrical Characteristic Curve

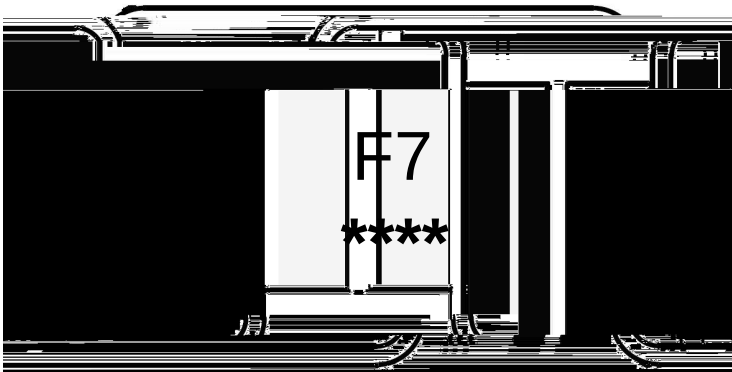


/ Package Dimensions

SOD-123FL



/ Marking Instructions



F7

Note:

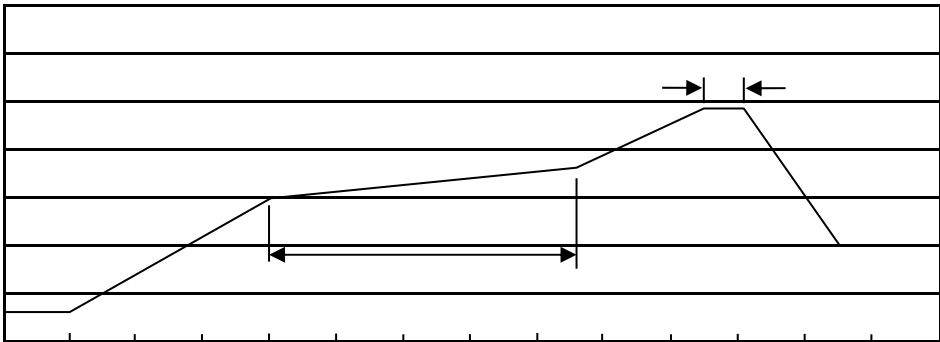
F7 Product Type Code

***** Lot No. Code, code change with Lot No

Marking

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.

/ Resistance to Soldering Heat Test Conditions

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

/ Packaging SPEC.

/ REEL

Package Type	Units					Dimension (unit mm ³)		
	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 ρ ×8	185×180×105	390×385×205

/ Notices