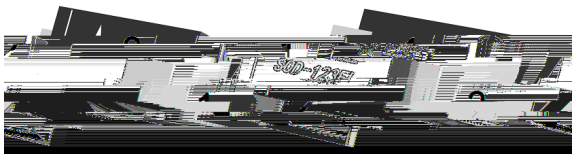
50V~1000V 1.0A SOD-123FL

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.

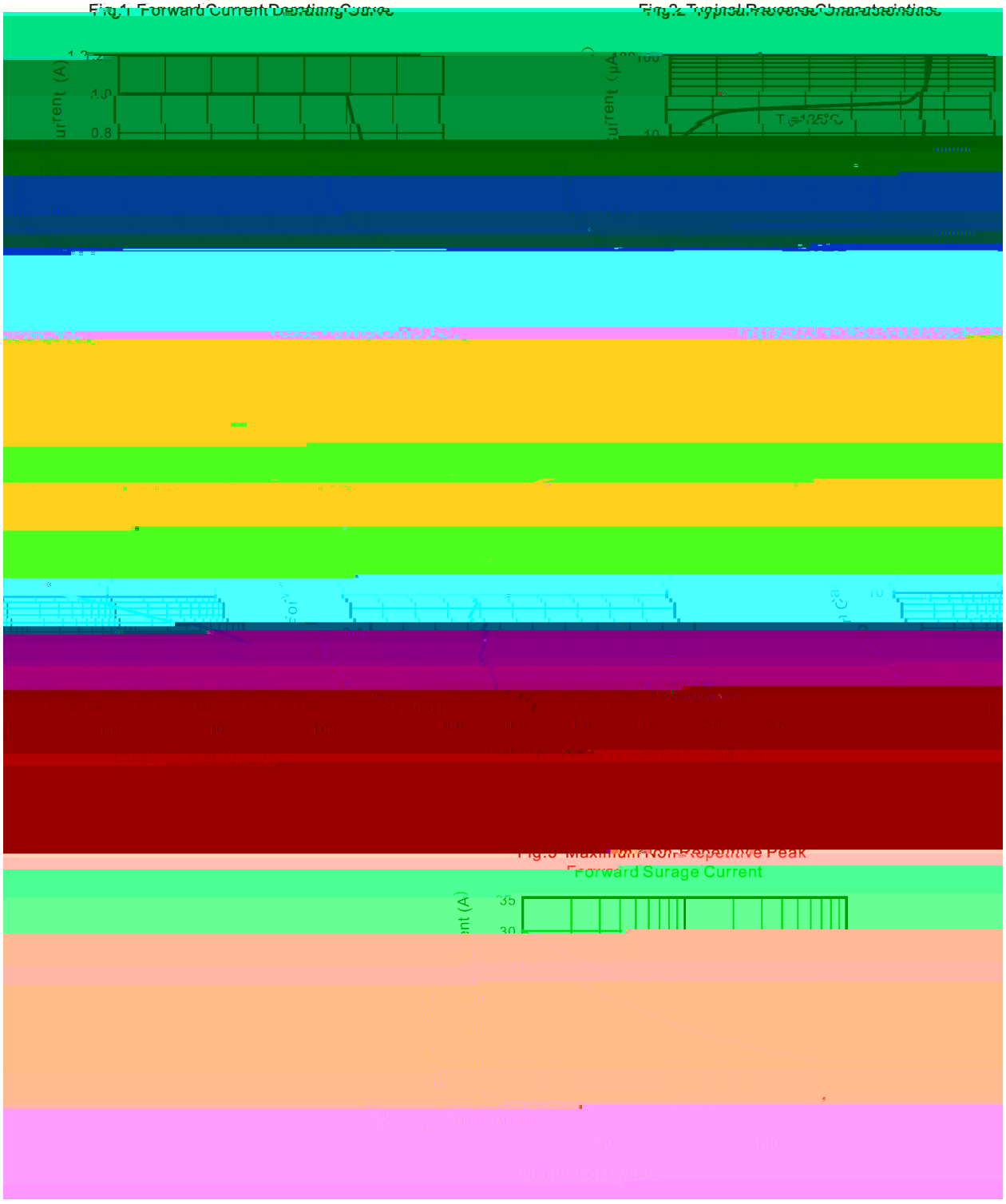
General purpose.



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

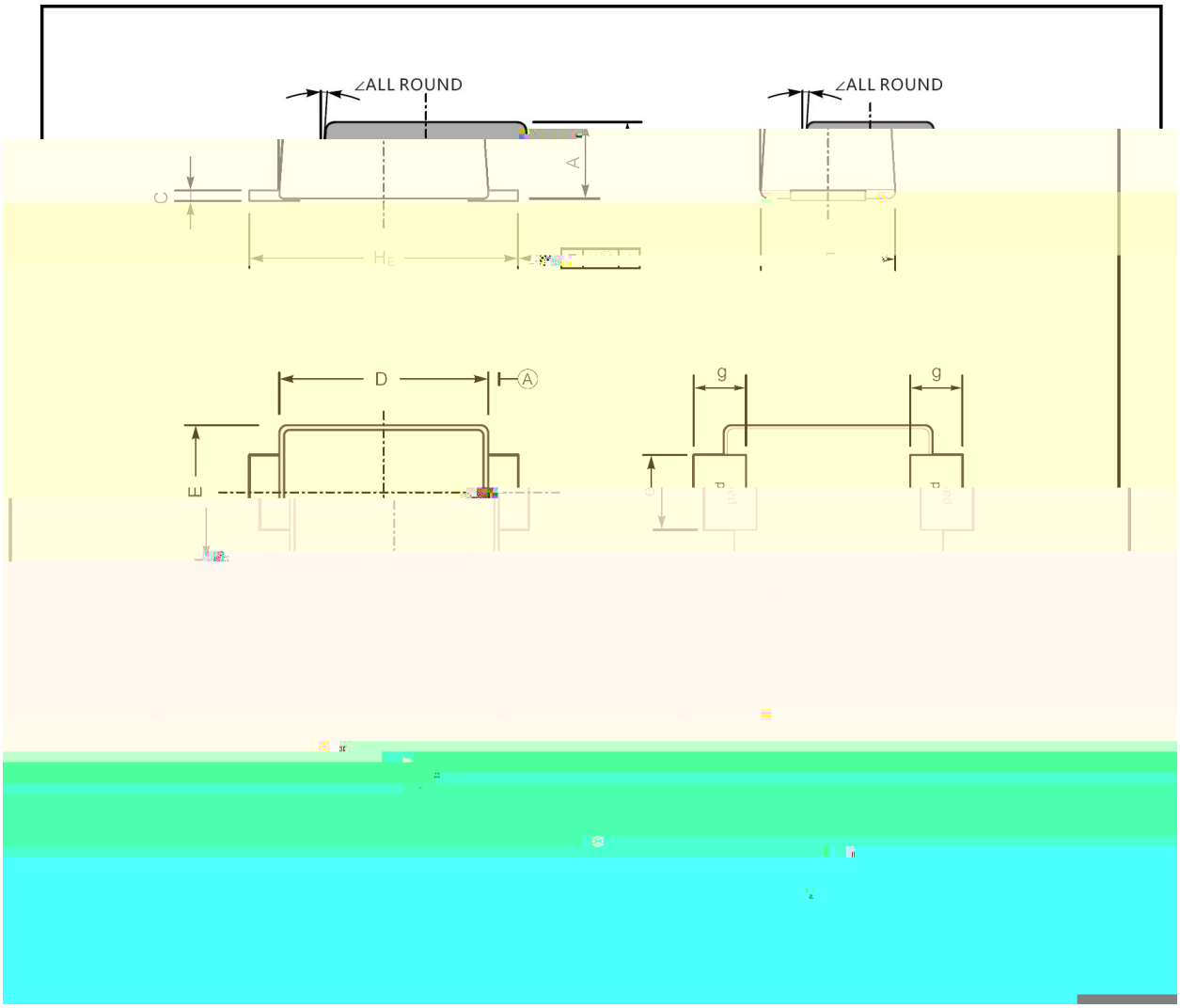
Parameter	Symbol	Rating	Unit

/ Electrical Characteristic Curve

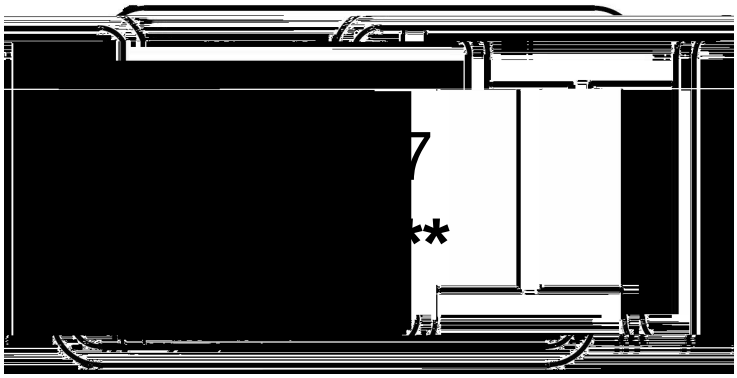


/ Package Dimensions

SOD-123FL



/ Marking Instructions



F7

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Note:

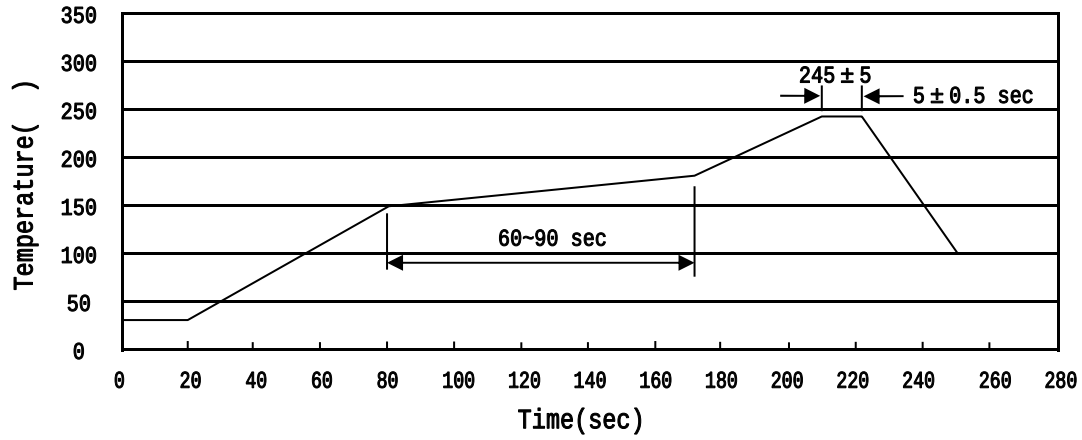
F7 Product Type Code

**** 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 mm³)
	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 ×8	185×180×105	390×385×205

/ Notices