/ Descriptions

SOD-123 ṂṂ Ł ⸗ ᵍ⁀ ǁ ˥

Schottky Diode in a SOD-123 Plastic Package.

/ Features

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Low positive pressure drop, can ignore the reverse recovery time. HF Product.

/ Applications

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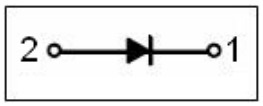
Schottky diode.

/ Equivalent Circuit



/ Pinning



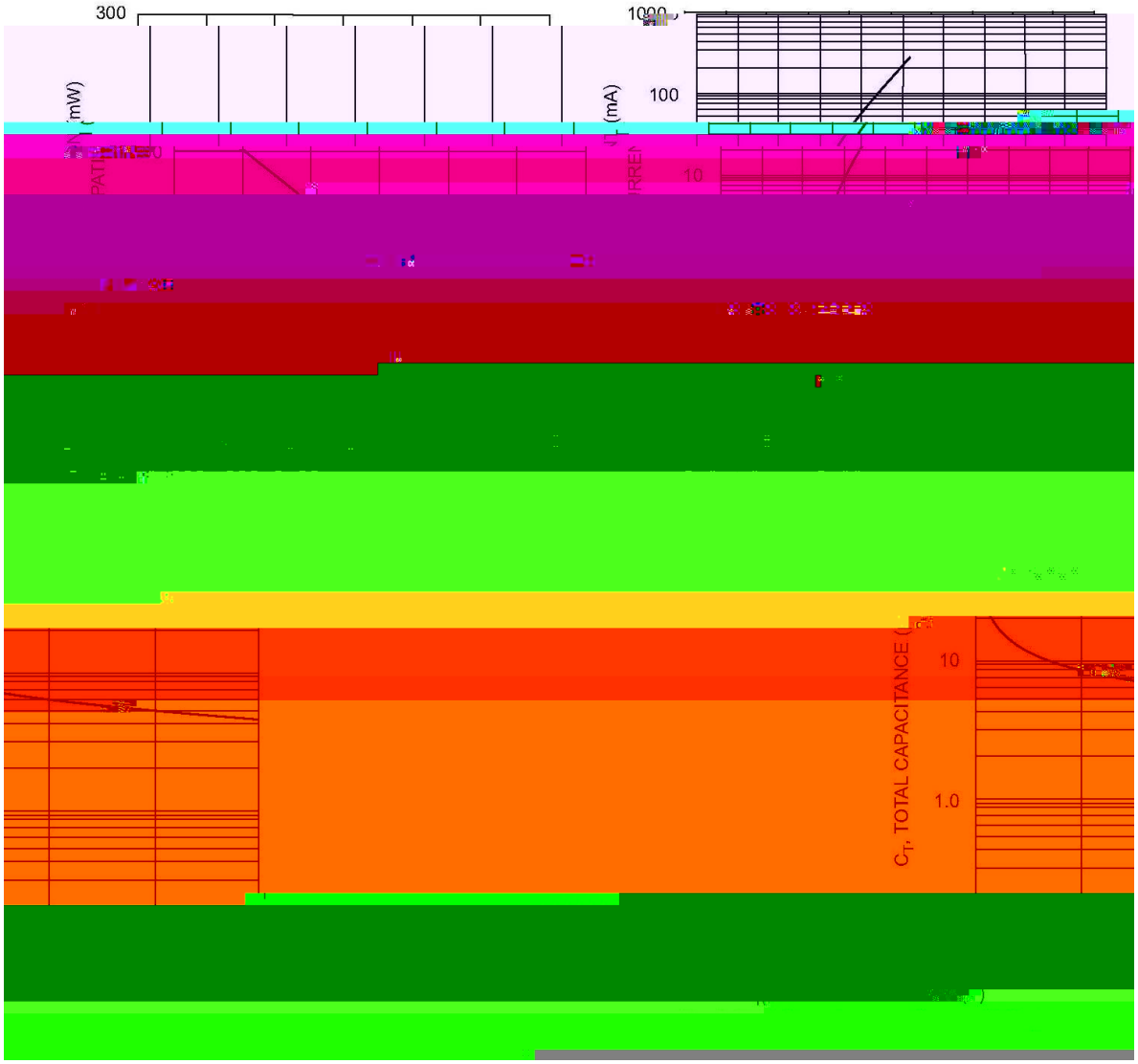
PIN1:Cathode PIN2:Anode

/ h_{FE} Classifications & Marking

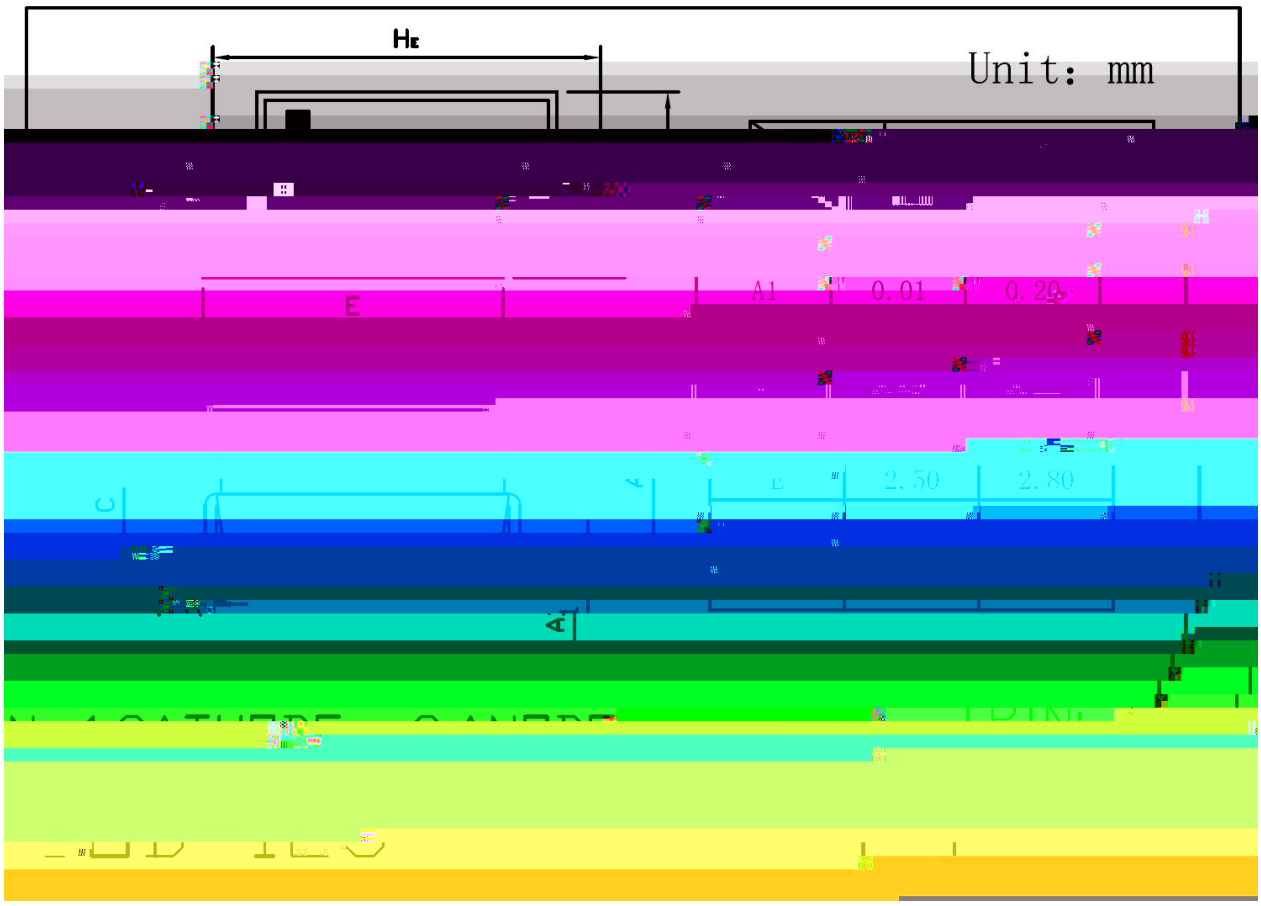
Model	SD103AW	SD103BW	SD103CW
Marking	HS4	HS5	HS6

SD103AW/BW/CW

/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



ب ˝ χ

K χ ⌘ ⅔ ᴵ Ɒ

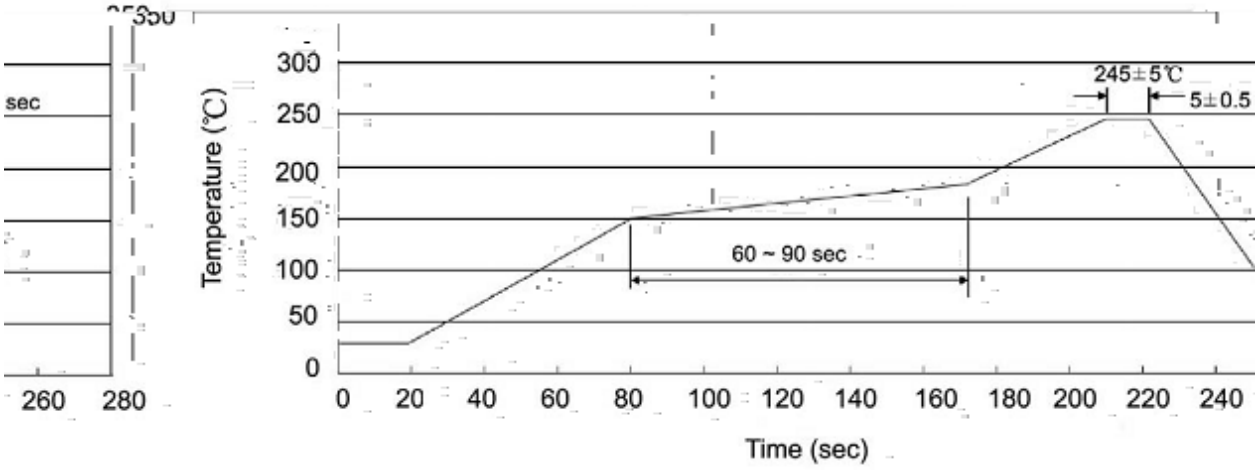
V8 χ ⌘ ⅔ ᴺ Ɒ

Note:

H: Company Code.

S5: Product Type.

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



ب ˝ χ

1 ٲ ♬ □ ỷ 150 Ḱ 180 ɬ ı `H ڑ 60 Ḱ 90sec;

2 Š Ö □ ỷ 245 ° 5 ɬ ı `H ڑ ˋY ⺈ ⺾ 5 ° 0.5sec;

3 ì ˙ ˥ ˛ ɔ ھ ỷ ⺾ 2 Ḱ 10 ɬ /sec.

Note:

1.Preheating:150~180 ɬ , Time:60~90sec.

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

3. Cooling Speed: 2~10 ɬ /sec.

/ Resistance to Soldering Heat Test Conditions

□ ỷ χ 260 ° 5 ɬ `H ڑ χ 10 ° 1 sec. Temp.:260 ° 5 ɬ Time:10 ° 1 sec

/ Packaging SPEC.

ɔ` γ ⊢ / 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-123	3,000	10	30,000	6	180,000	7 ×8	180×120×180	390×385×205

/ Notices