/ Descriptions

SOD-123 ḾḾ Ꝉ ⸗ ᵍ‿ ‖ ᒣ

Schottky Diode in a SOD-123 Plastic Package.

/ Features

Ḥ* ᵇ я ᴗ ı ˡ ỗ ⱬ [OBJ] ɾ ᵇ Õ ʉ ʽH ڑ ṇ ꜰ β

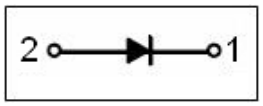
Low positive pressure drop, can ignore the reverse recovery time. HF Product.

/ Applications

⸗ ᵍ‿ ‖ ᒣ

Schottky diode.

/ Equivalent Circuit



/ Pinning



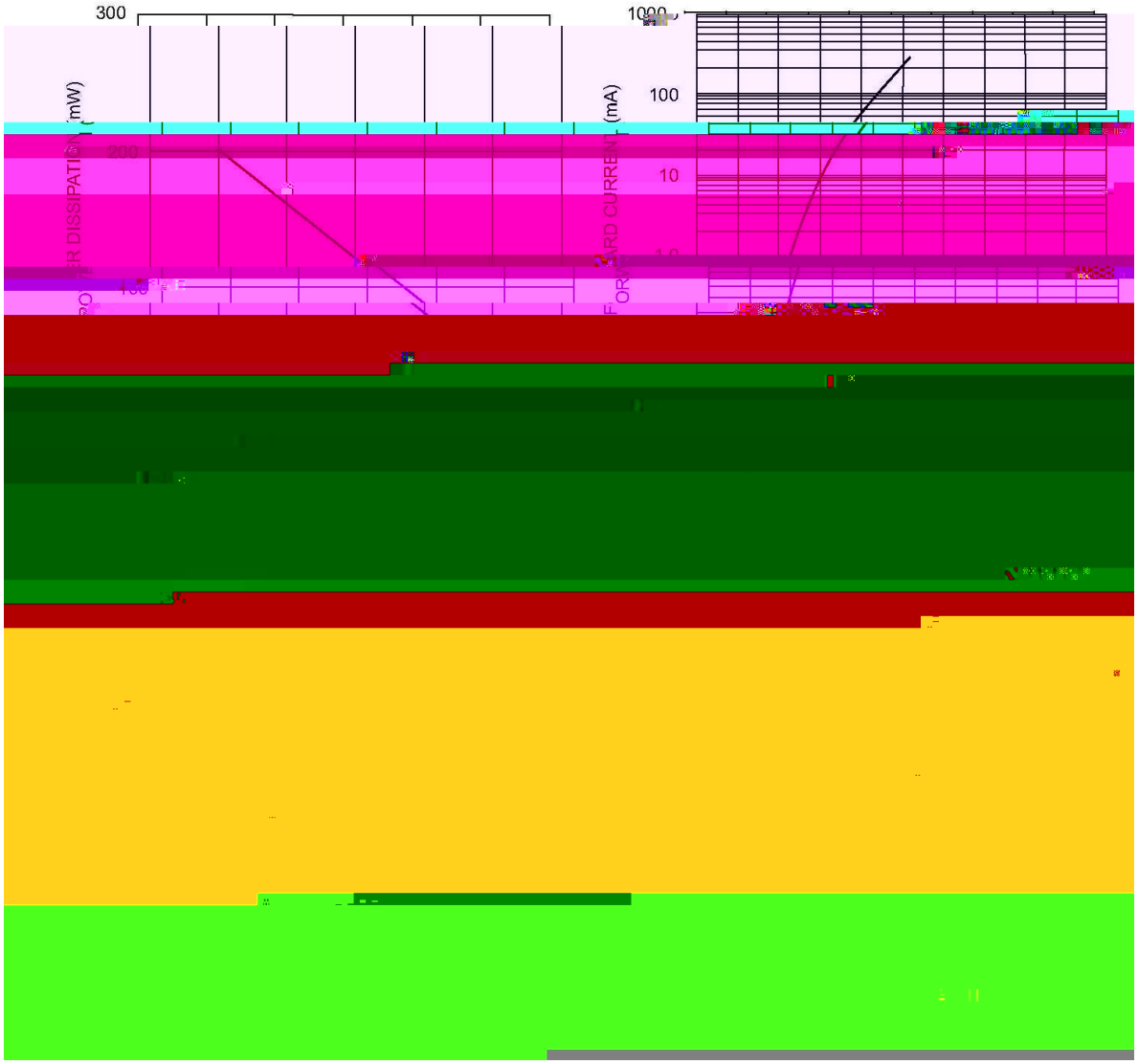
PIN1:Cathode PIN2:Anode

/ h_{FE} Classifications & Marking

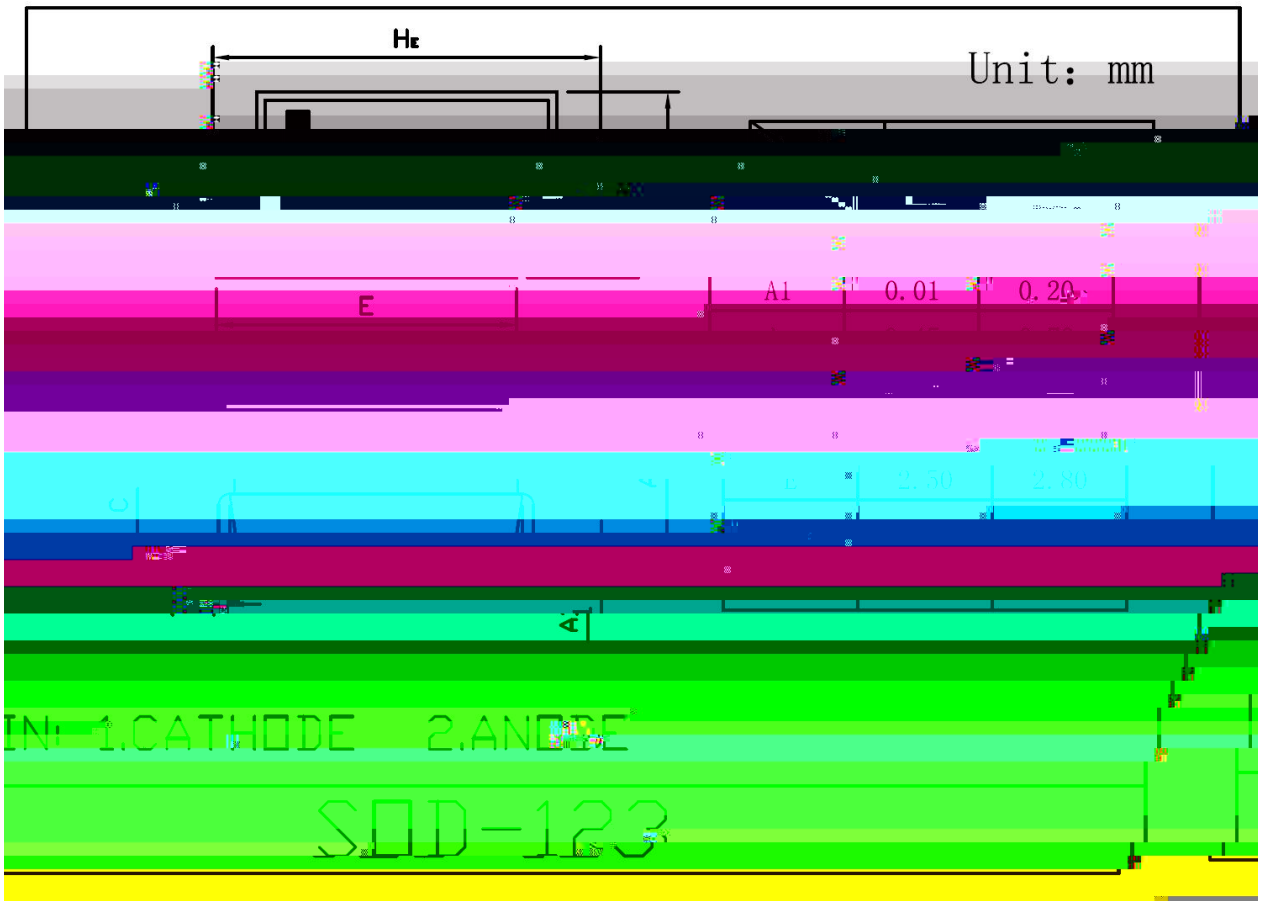
Model	SD103AW	SD103BW	SD103CW
Marking	HS4	HS5	HS6

SD103AW/BW/CW

/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



ِ ˝ χ

K χ ᵻ ᵌ ᵎ ᵬ

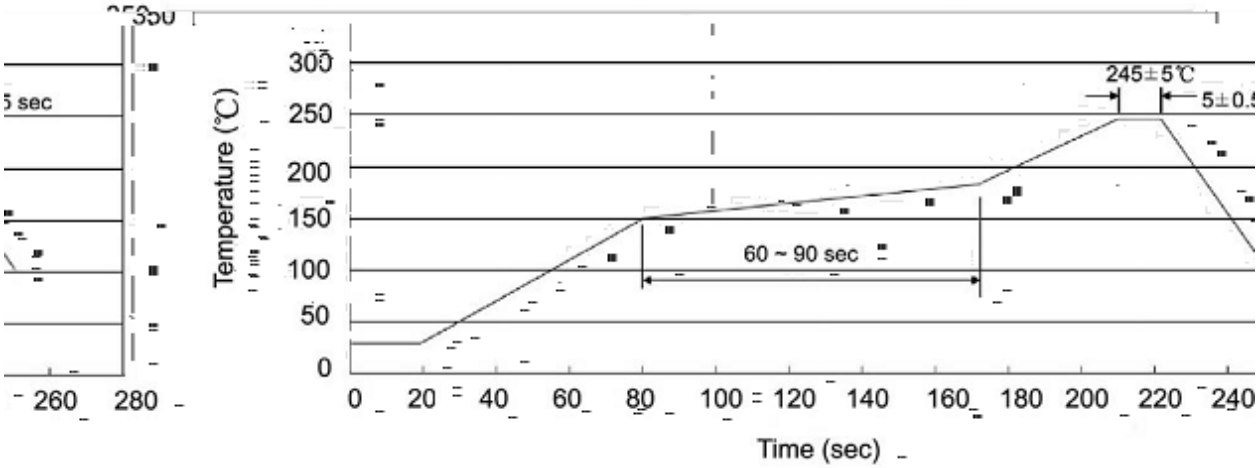
V8 χ ᵻ ᵋ ᴺ ᵬ

Note:

H: Company Code.

S5: Product Type.

( ) /



ب ˝ χ

1 Ĺ ♬ □ ỷ 150 Ḱ 180 ł ı ˋH ڑ 60 Ḱ 90sec;

2 Š Ö □ ỷ 245 ° 5 ł ı ˋH ڑ ˋY ﾊ ㎛ 5 ° 0.5sec;

3 ì ˙ ﾘ ¸ ɔ ﻩ ỷ ㎛ 2 Ḱ 10 ł /sec.

Note:

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

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

3. Cooling Speed: 2~10 ł /sec.

/ Resistance to Soldering Heat Test Conditions

□ ỷ χ 260 ° 5 ł ˋH ڑ χ 10 ° 1 sec. Temp.:260 ° 5 ł Time:10 ° 1 sec

/ Packaging SPEC.

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

/ Notices