

SD103AW/BW/CW

Rev.F Apr.-2018

/ Descriptions

SOD-123

Schottky Diode in a SOD-123 Plastic Package.

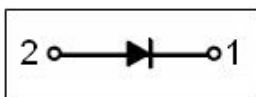
/ Features

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

/ Applications

Schottky diode.

/ Equivalent Circuit



/ Pinning



PIN1:Cathode

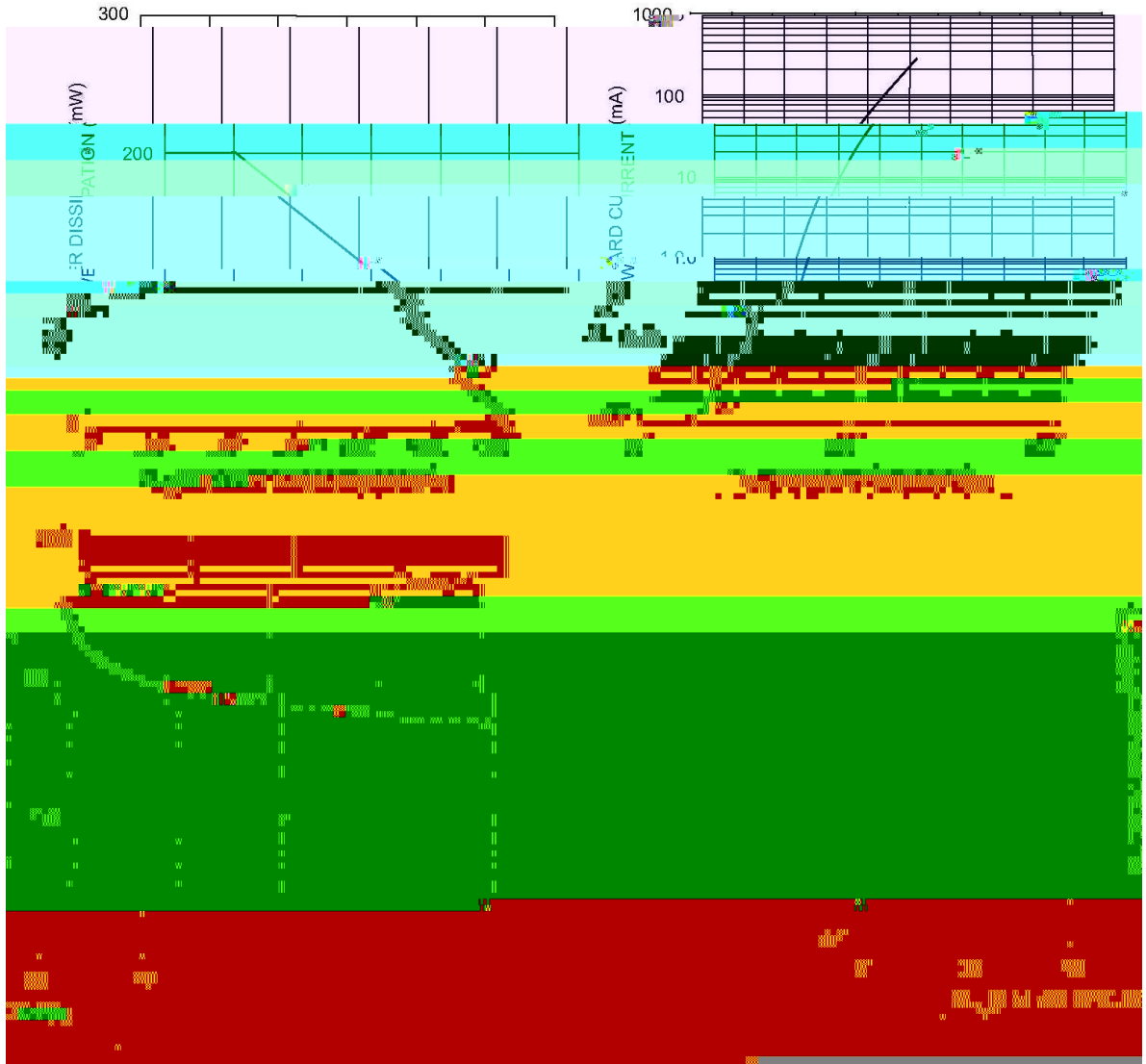
PIN2:Anode

/ h_{FE} Classifications & Marking

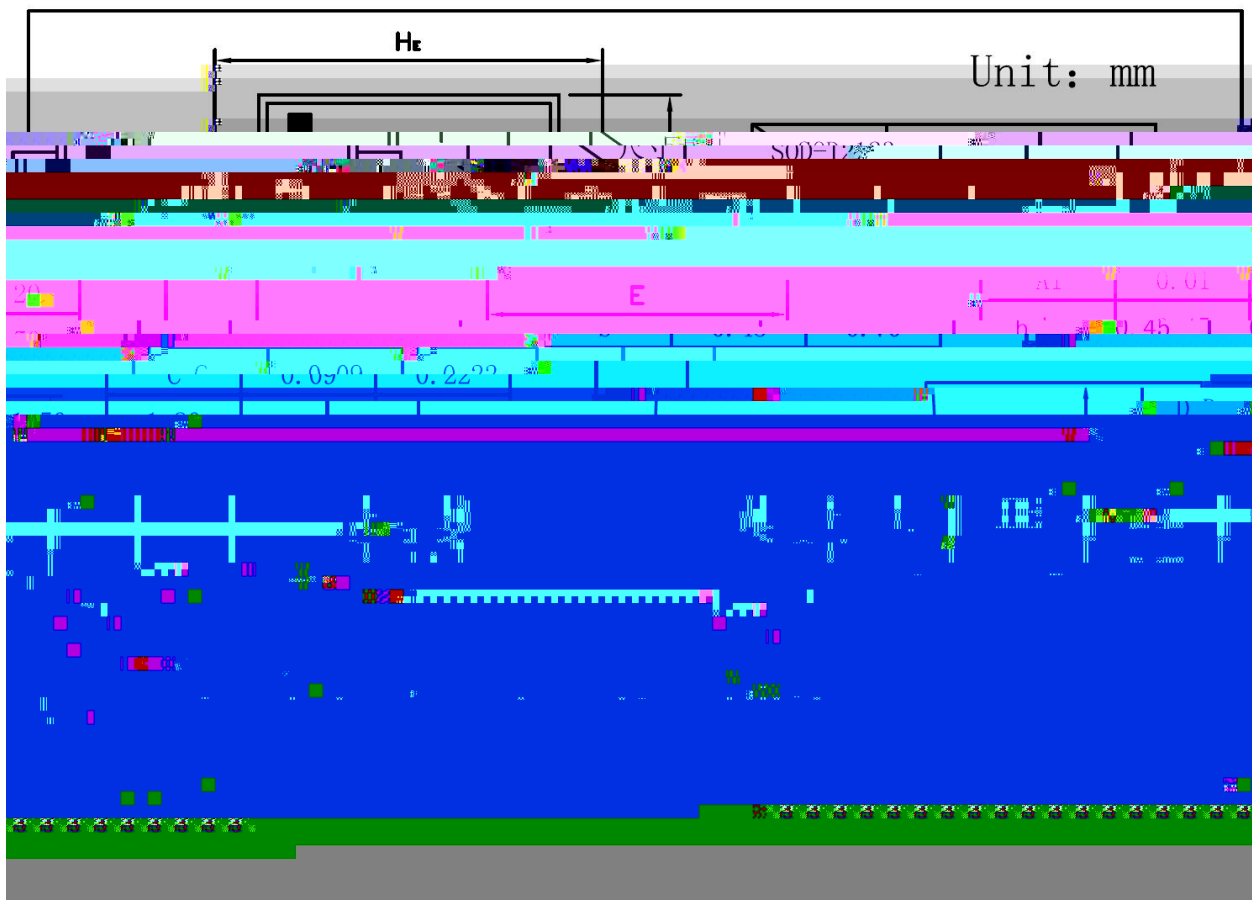
Model	SD103AW	SD103BW	SD103CW
Marking	HS4	HS5	HS6

SD103AW/BW/CW

/ Electrical Characteristic Curve



/ Package Dimensions

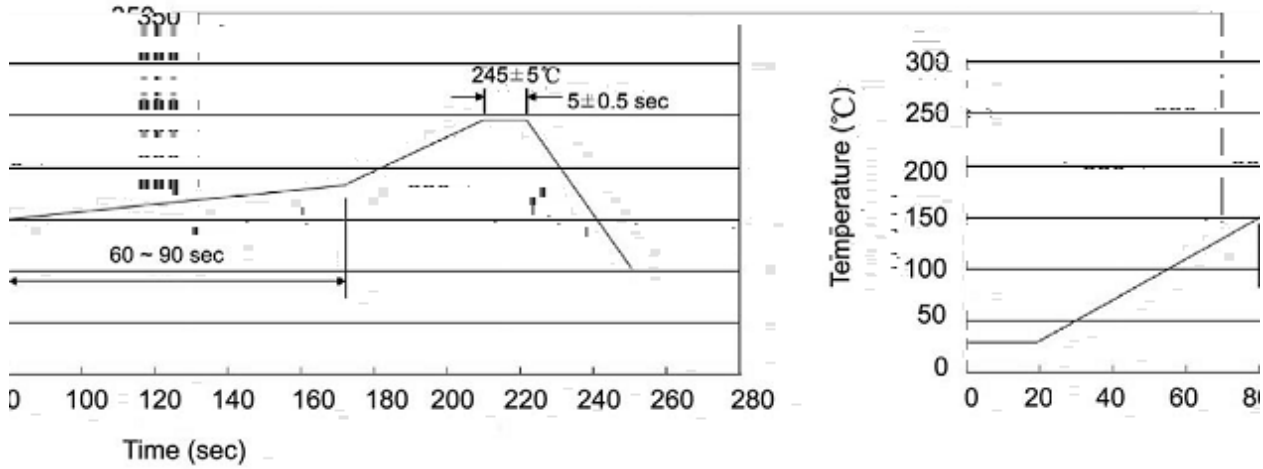


/ Marking Instructions



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J,
Note:
H: Company Code.
S5: Product Type.

() / 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)

/ Notices