

A	2020-5-7	ALL			

/ Descriptions

SOD-323
Schottky Diode in a SOD-323 Plastic Package.

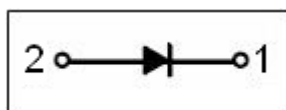
/ Features

Metal silicon junction, majority carrier conduction. Guarding for overvoltage protection. Low power loss, high efficiency. High current capability. low forward voltage drop. High surge capability. For use in low voltage, high frequency inverters, free wheeling, and polarity protection applications. HF Product.

/ Applications

Schottky diode.

/ Equivalent Circuit

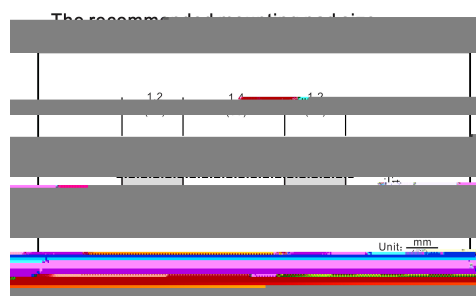


/ Pinning



PIN1:Cathode

PIN2:Anode

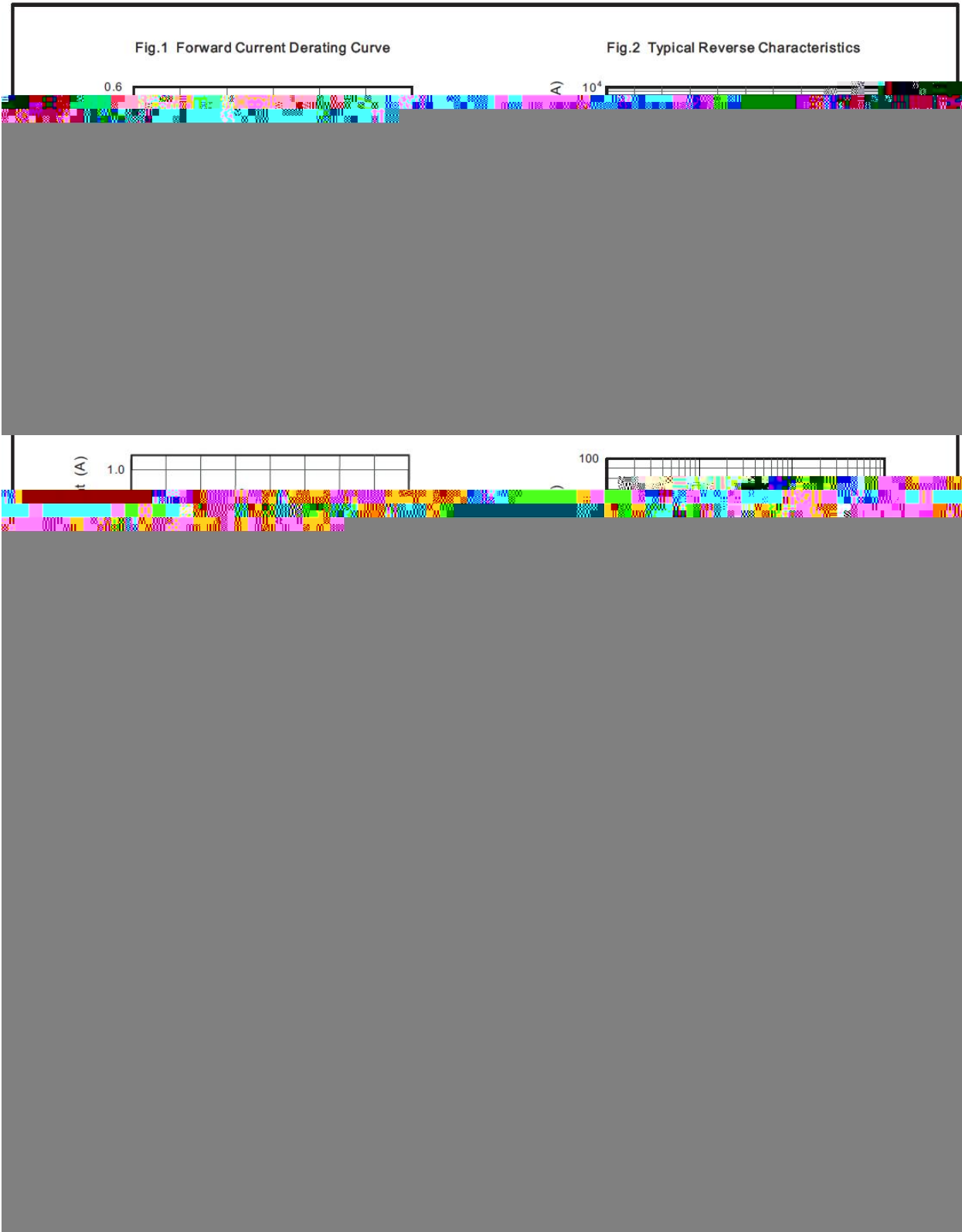


/ h_{FE} Classifications & Marking

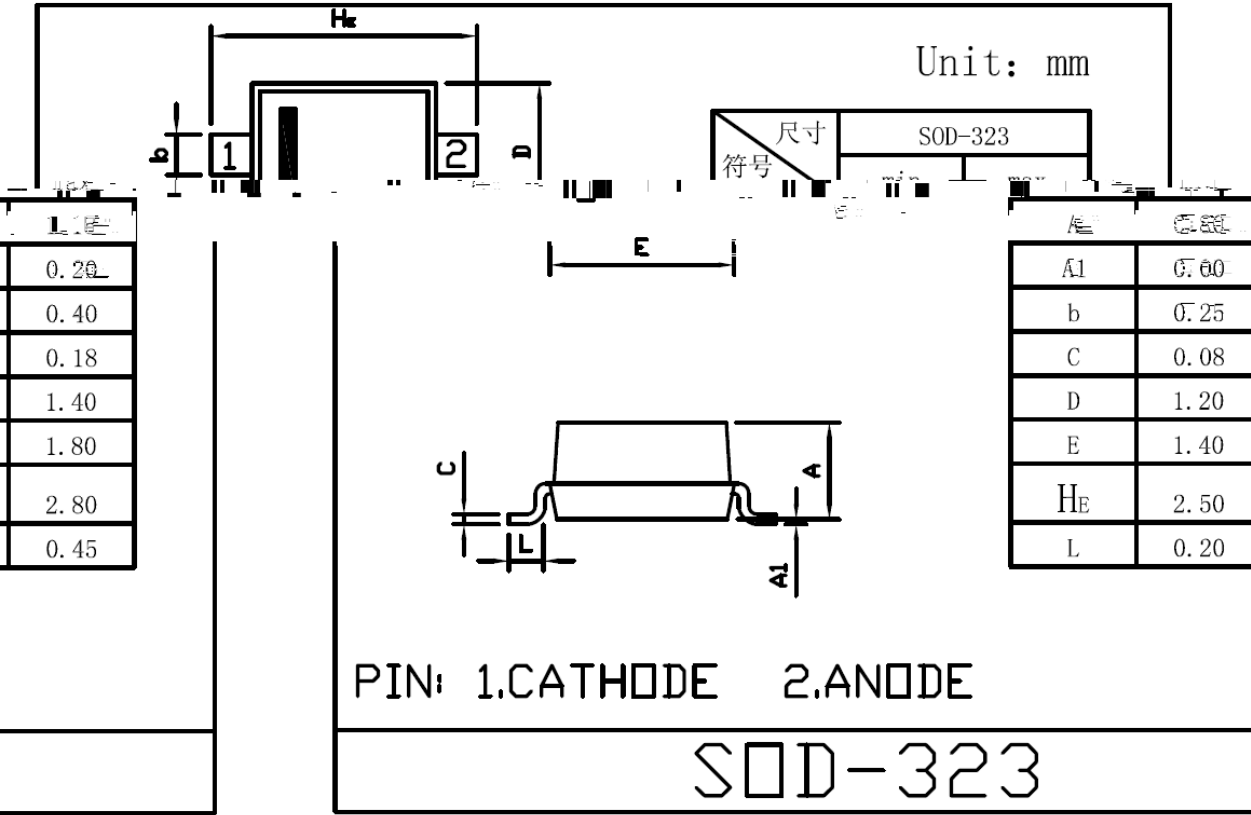
Model	RB551V-30
Marking	D

Parameter	Symbol	Rating	Unit
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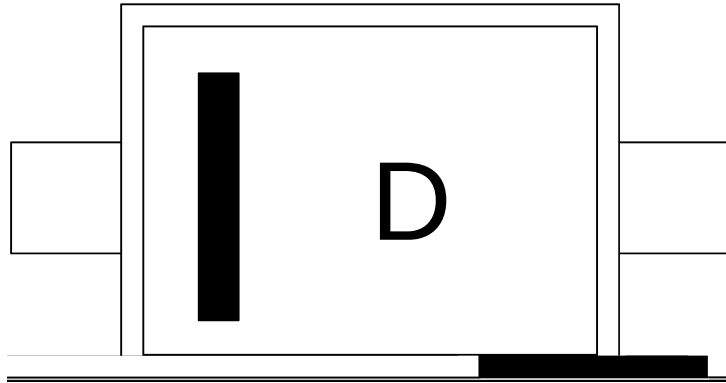
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions

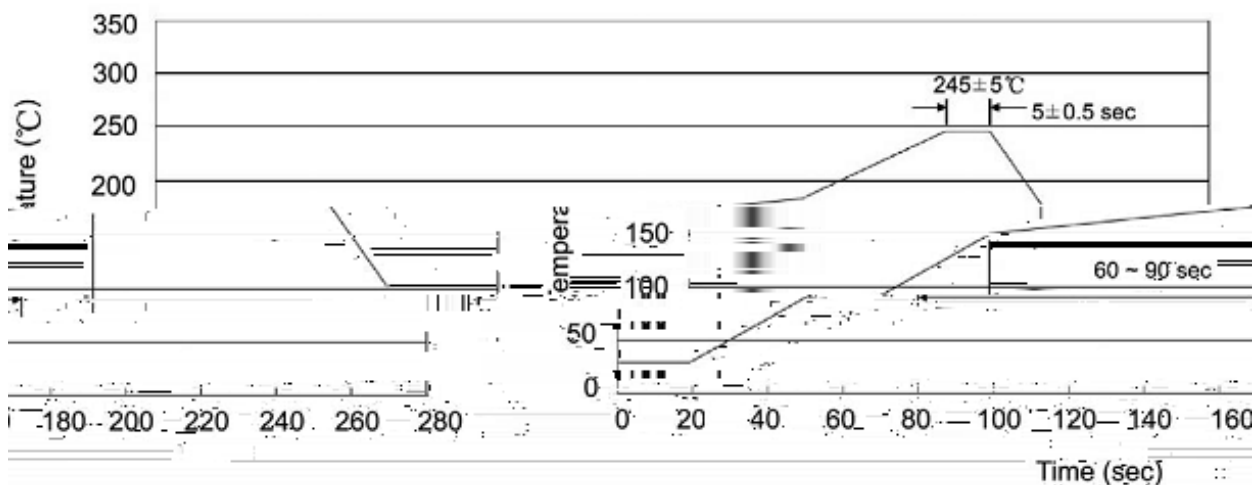


D

Note:

D Product Type.

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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 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box	Outer Box
SOD-323	3,000	10	30,000	6	180,000	7" ×8	180×120×180	390×385×205

/ Notices