

修订记录 / Revised record

A	2020-5-7	ALL			

描述 / Descriptions

SOD-323

Schottky Diode in a SOD-323 Plastic Package.

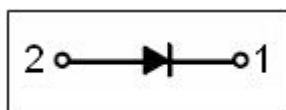
特征 / Features

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.

用途 / Applications

Schottky diode.

内部等效电路 / Equivalent Circuit

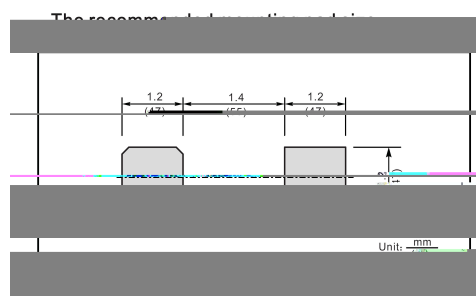


引脚排列 / Pinning



PIN1:Cathode

PIN2:Anode

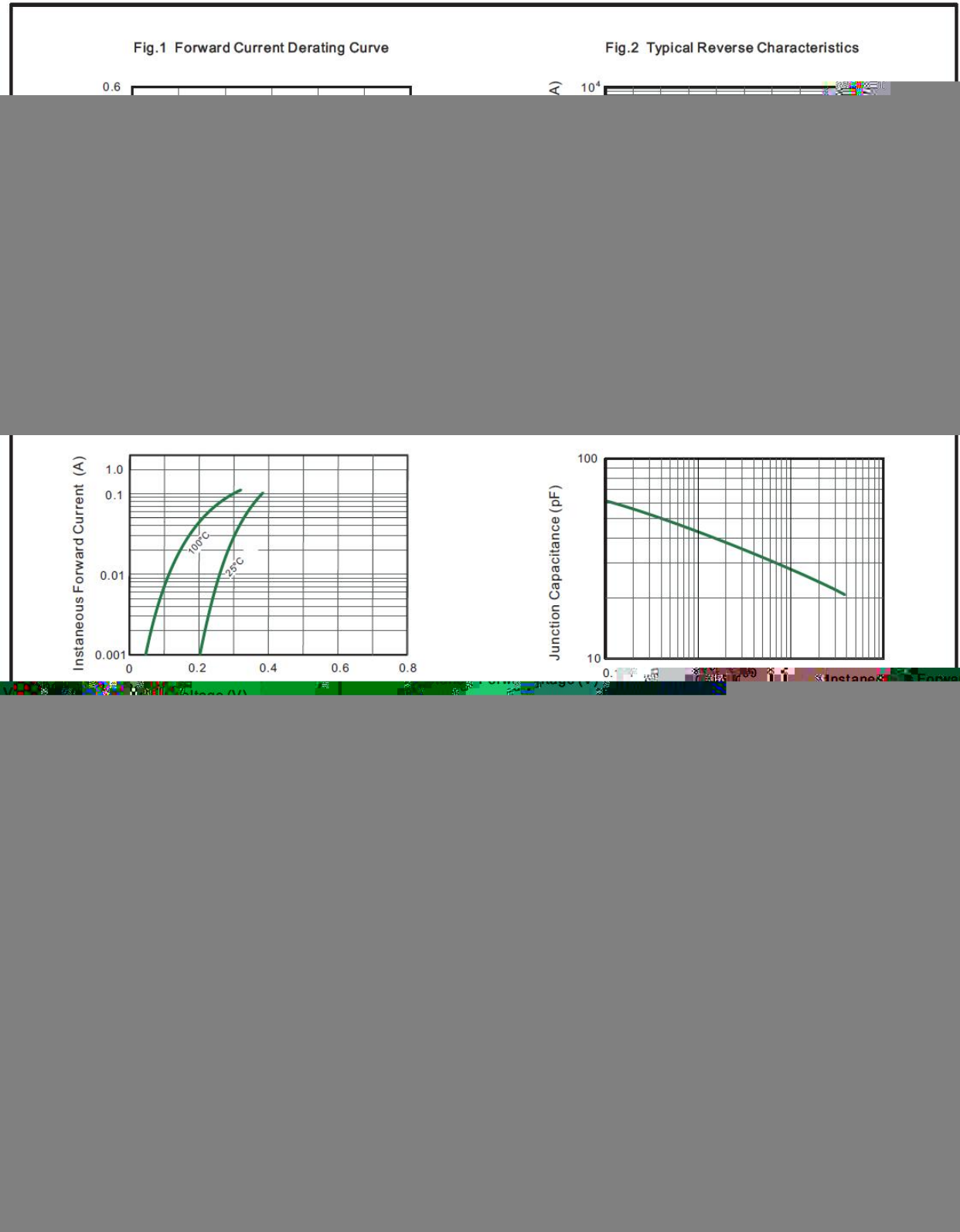


放大及印章代码 / h_{FE} Classifications & Marking

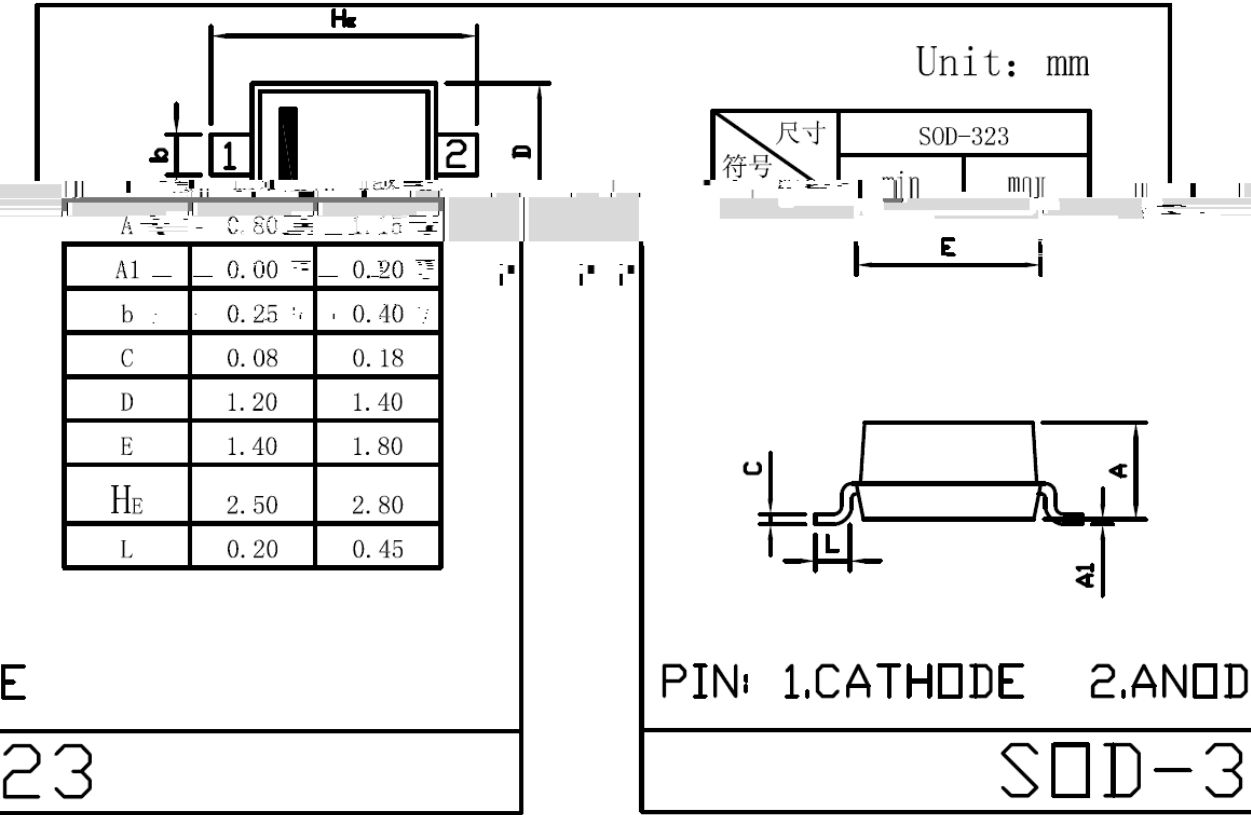
Model	RB551V-30
Marking	D

Parameter	Symbol	Rating	Unit
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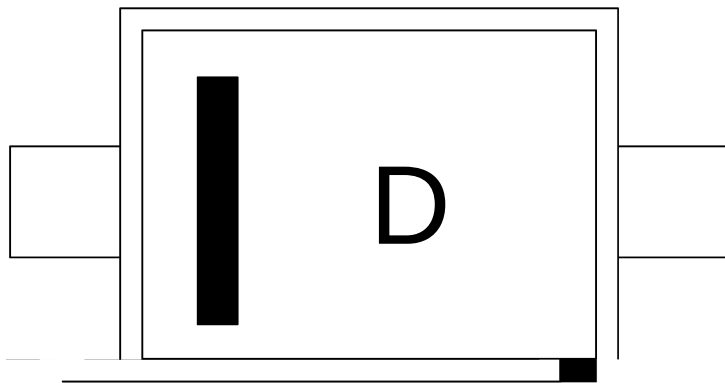
电参数曲线图 / Electrical Characteristic Curve



外形尺寸图 / Package Dimensions



印章说明 / Marking Instructions

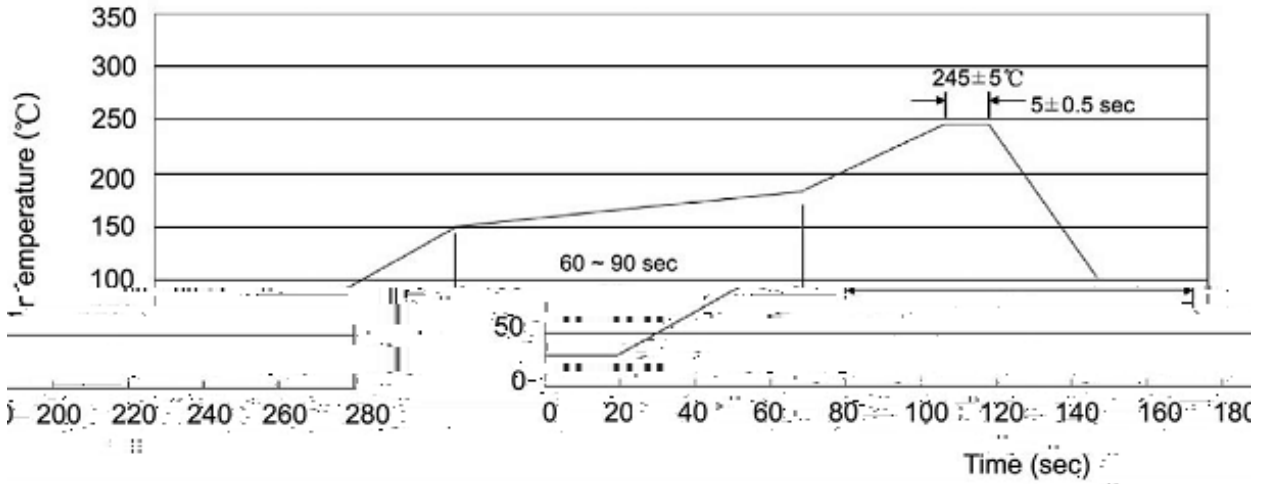


D

Note:

D Product Type.

回流焊温度曲线图(无铅) / 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. |

耐焊接热试验条件 / Resistance to Soldering Heat Test Conditions

260±5 10±1 sec. Temp.:260±5 Time:10±1 sec

包装规格 / 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

使用说明 / Notices