

/ Revised record

A	2020-8-7	ALL			

/ Descriptions

SOD-323

Schottky Diode in a SOD-323 Plastic Package.

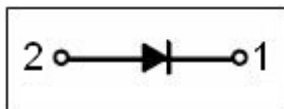
/ Features

low forward voltage drop Low Voltage Rectification Inverse Polarity Protection Low Power Consumption Applications HF Product.

/ Applications

Schottky diode.

/ Equivalent Circuit

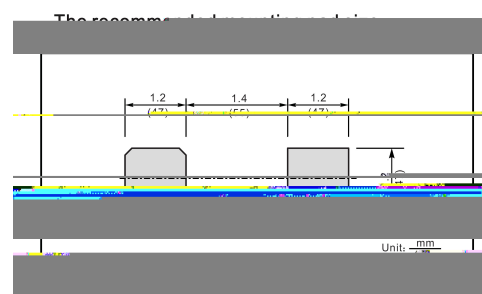


/ Pinning



PIN1:Cathode

PIN2:Anode

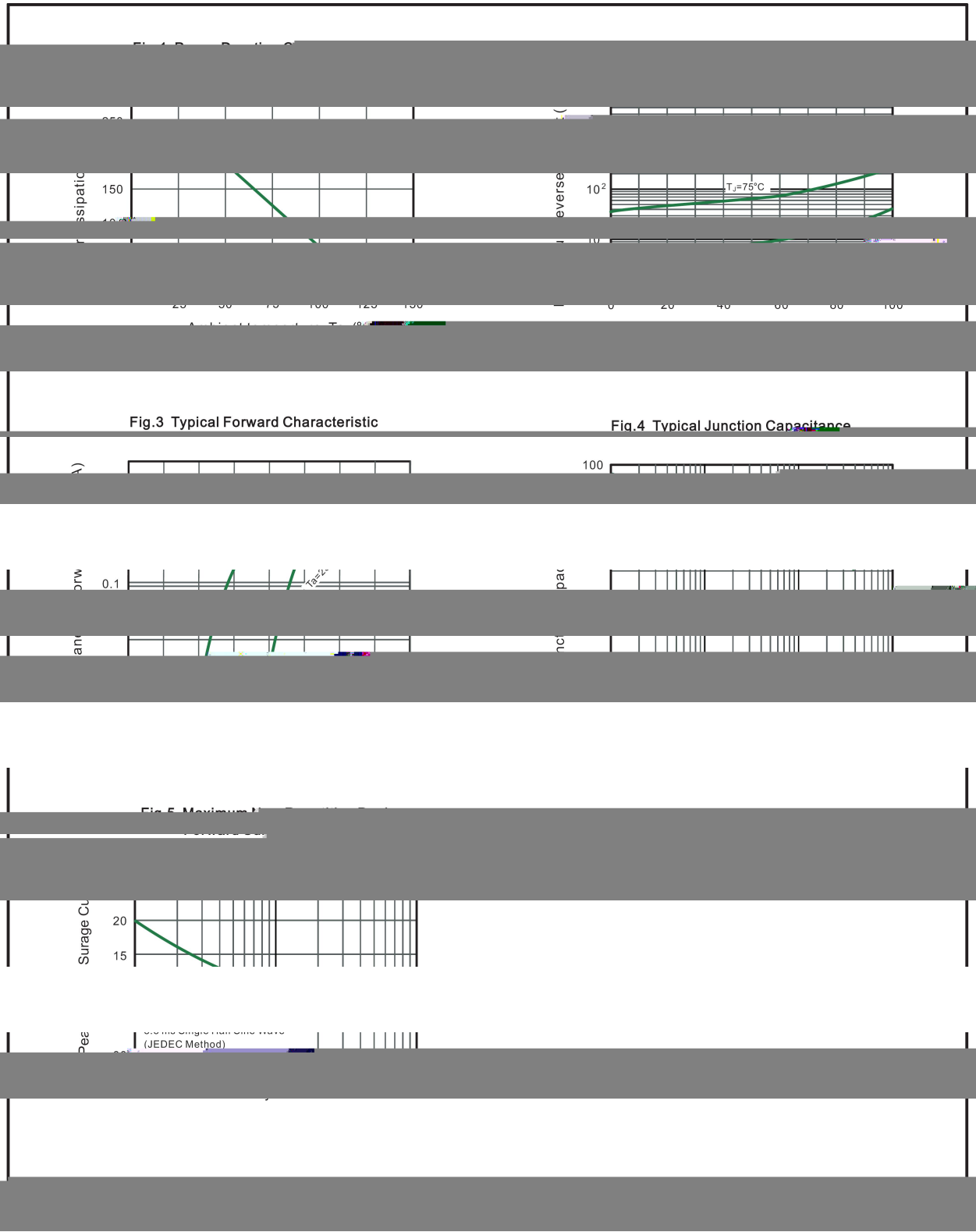


/ Marking

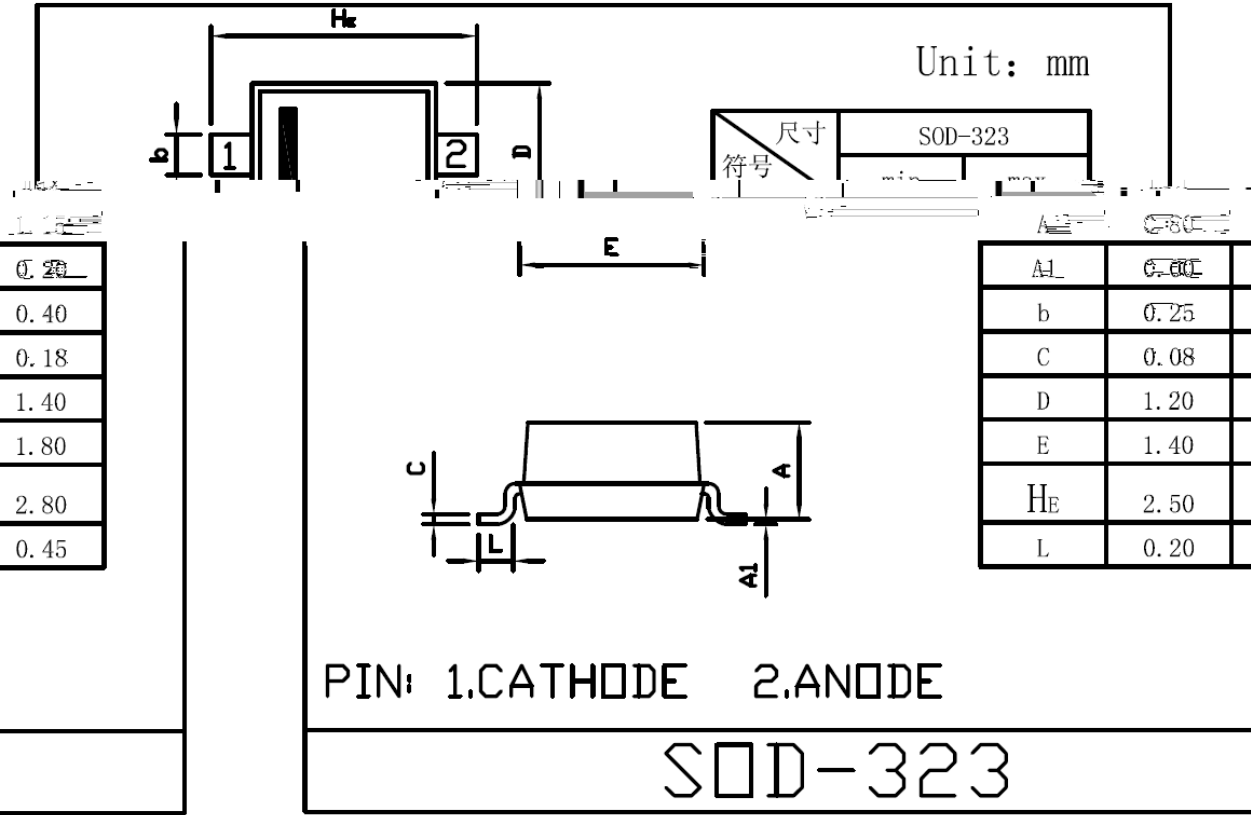
Model	B1040WS
Marking	HSZ

Parameter	Symbol	Rating	Unit
Peak Repetitive Reverse Voltage	V_{RRM}	40	V

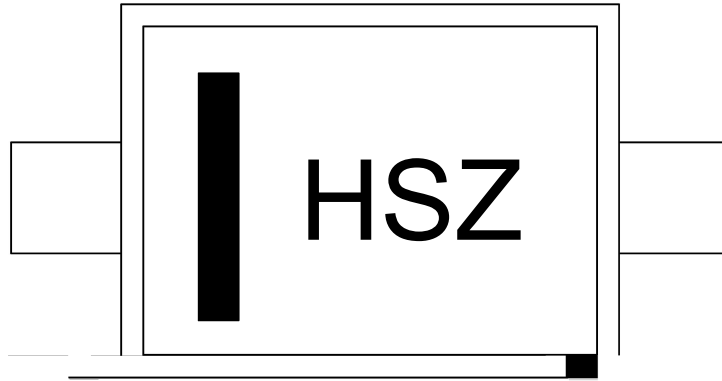
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



H

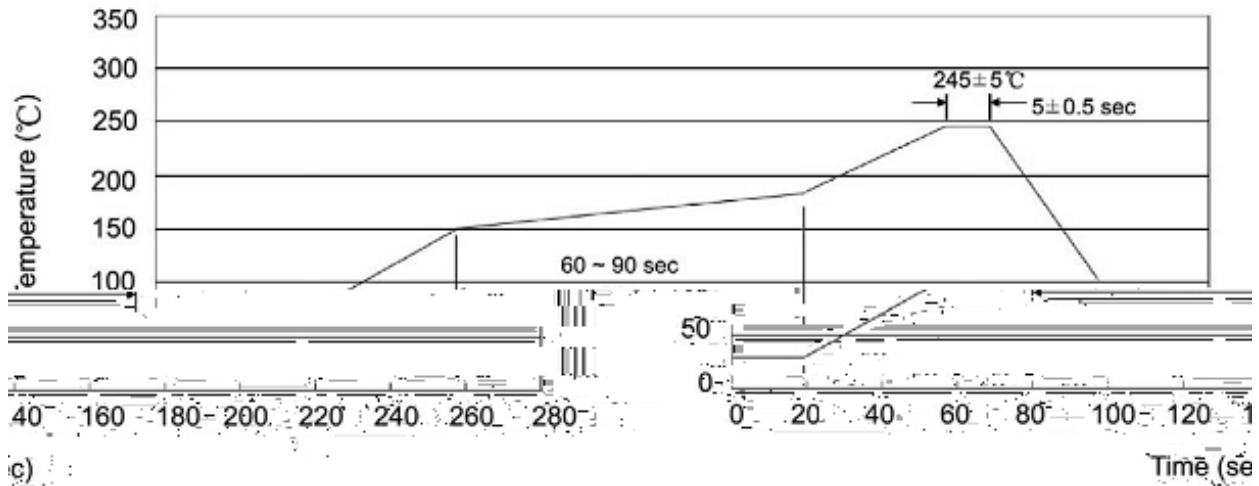
SZ:

Note:

H: Company Code.

SZ: 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 封装形式	Units 包装数量					Dimension 包装尺寸 (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 盒	Outer Box 箱