

Rev. I Jul.-2018

SOD-323

Zener Diode in a SOD-323 Plastic Package.

Wide zener reverse voltage range 2.4V-110V, Maximum  $P_D$  to 200mW. HF Product.

Design for 200mW SOD-323 surface mount.

See Electrical Characteristics.

See Electrical Characteristics.



PIN1:Cathode

PIN2:Anode

See Electrical Characteristics.

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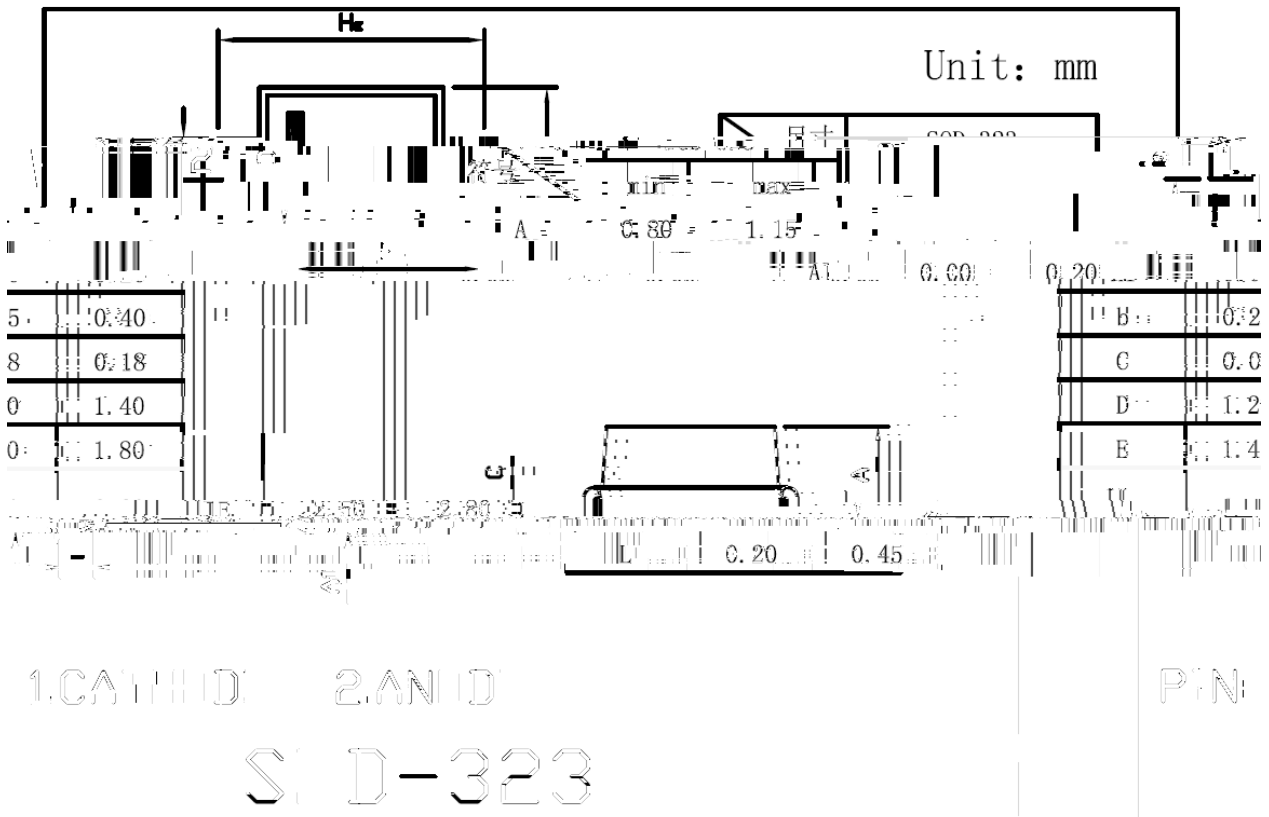
Parameter	Symbol	Rating	Unit
Power Dissipation	$P_D$	200	mW
Typical Thermal Resistance Junction to Ambient	$R_{JA}$	625	/W
Typical Thermal Resistance Junction to Lead	$R_{JL}$	150	/W
Junction and Storage Temperature Range	$T_j, T_{stg}$	-55 150	

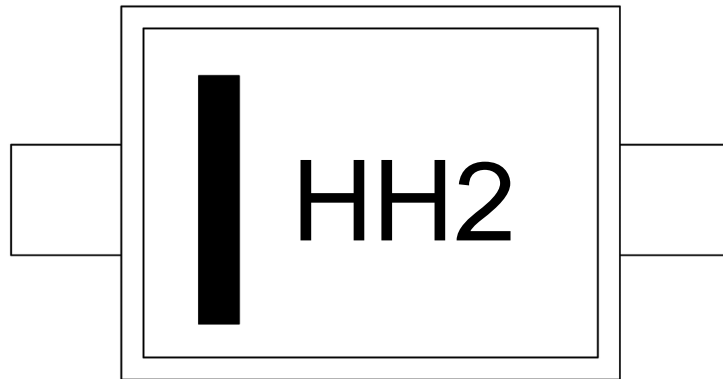
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Device	Device Marking
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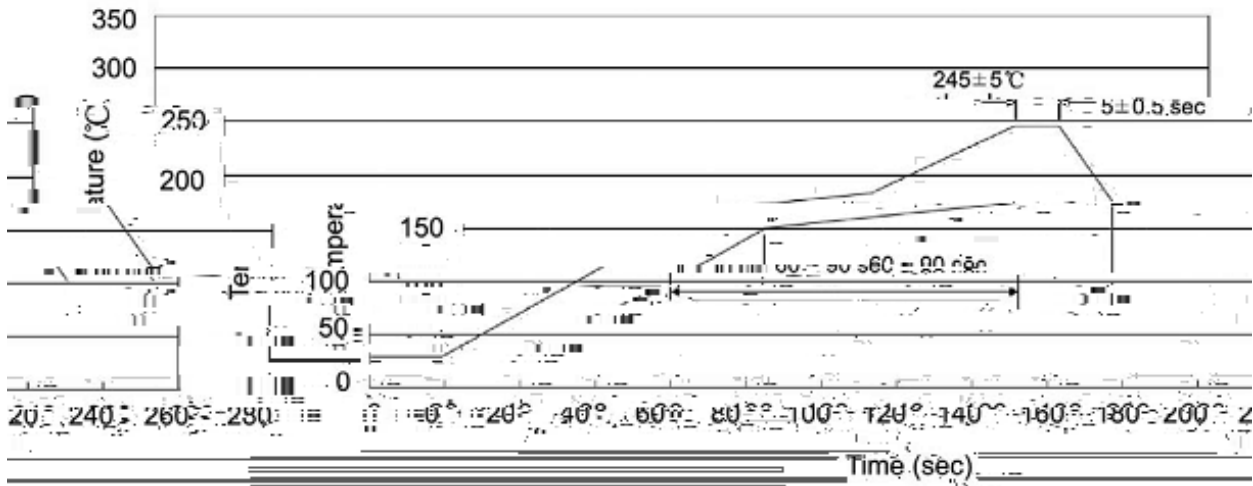
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Note:

H: Company Code.

H2: Product Type.

**Temperature Profile for IR Reflow Soldering(Pb-Free)**

**Note:**

- |   |        |     |            |            |  |
|---|--------|-----|------------|------------|--|
| 1 | 150    | 180 | 60         | 90sec;     | 1.Preheating:150~180 °C , Time:60~90sec.     |
| 2 | 245..5 |     | 5..0.5sec; |            | 2.Peak Temp.:245..5 °C , Duration:5..0.5sec. |
| 3 |        |     | 2          | 10 °C/sec. | 3. Cooling Speed: 2~10 °C/sec.               |

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

/ REEL

Package Type	Units					Dimension (unit mm <sup>3</sup> )		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
SOD-323	3,000	10	30,000	6	180,000	7 ×8	180×120×180	390×385×205