

/ Descriptions

SOD-323

Schottky Diode in a SOD-323 Plastic Package.

/ Features

Schottky diodes. HF Product.

/ Applications

Small signal diode.

/ Equivalent Circuit



/ Pinning



PIN1:Cathode

PIN2:Anode

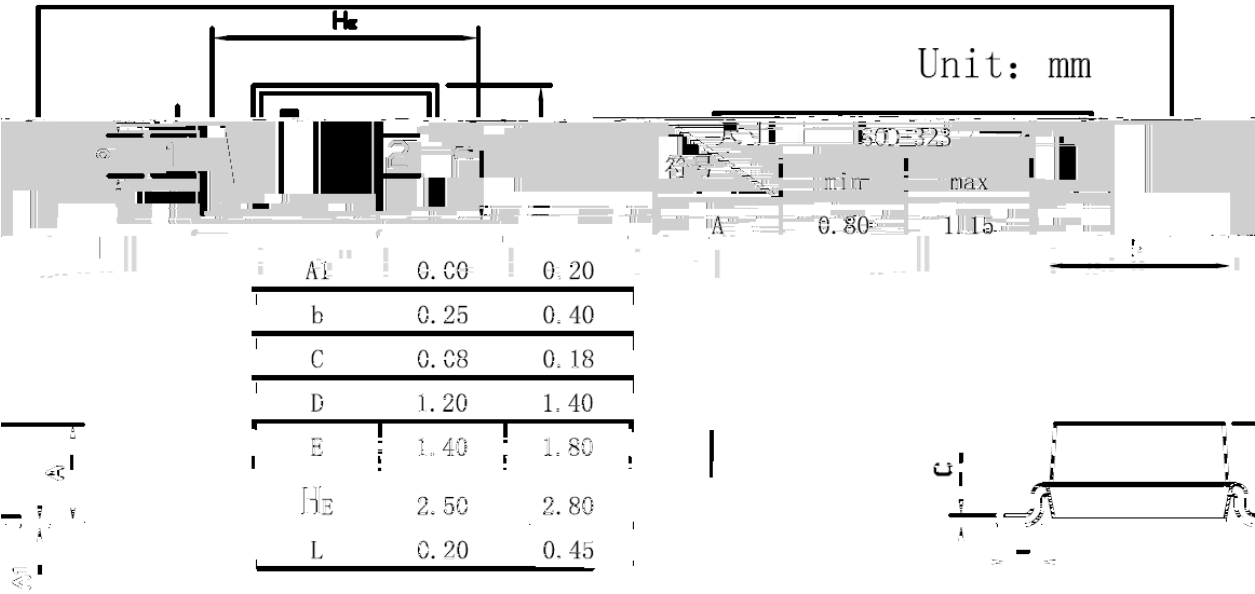
/ h_{FE} Classifications & Marking

Marking	H86
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Parameter	Symbol	Rating	Unit
Repetitive peak reverse voltage	V_{RRM}	30	V
Continuous forward current	I_F	200	mA
Surge non repetitive forward current	I_{FSM}	600	mA
Power Dissipation	P_D	250	mW
Typical Thermal Resistance Junction to Ambient	$R_{\theta JA}$	430	$^{\circ}C/W$
Junction Temperature Range	T_J	150	
Storage Temperature Range	T_{stg}	-55 150	

Parameter	Symbol	Test Conditions	Rating	Unit
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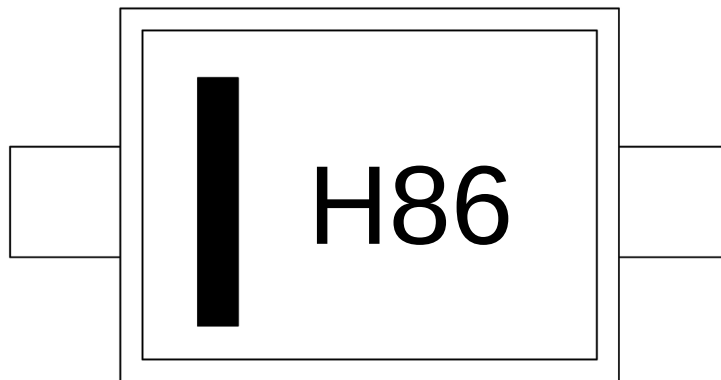
/ Package Dimensions



2AN 0
0-323

PIN 1CA 0 0
S

/ Marking Instructions



H

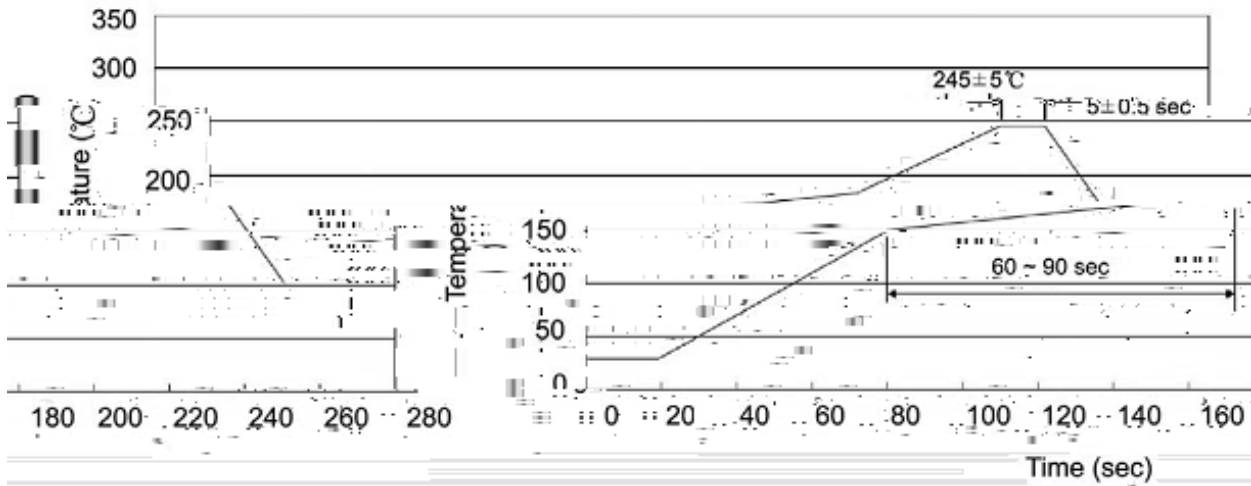
86

Note:

H: Company Code.

86: 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. TD0 Tc0 63 |