

**/ Descriptions**

SOT-323          NPN          Silicon NPN transistor in a SOT-323 Plastic Package.

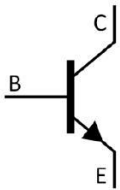
**/ Features**

S8550W  
Complementary pair with S8550W.

**/ Applications**

Power amplifier applications.

**/ Equivalent Circuit**



**/ Pinning**



PIN1 Emitter          PIN 2 Base          PIN 3 Collector

**/ Marking**

$h_{FE}$ Classifications Symbol	B	C	D
$h_{FE}$ Range	85~160	120~200	160~300
Marking	HY3B	HY3C	HY3D

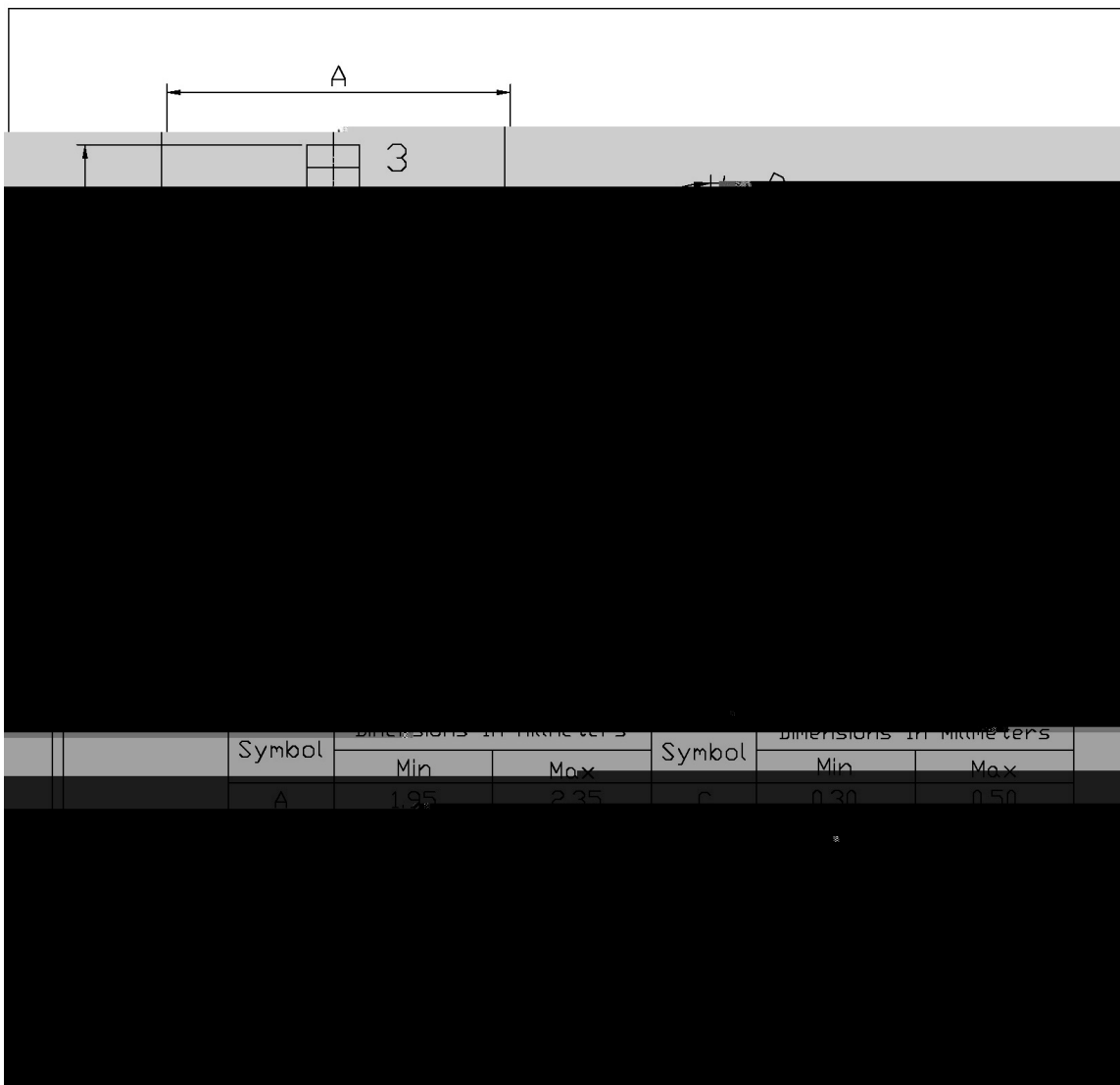
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	$V_{CBO}$	40	V
Collector to Emitter Voltage	V		



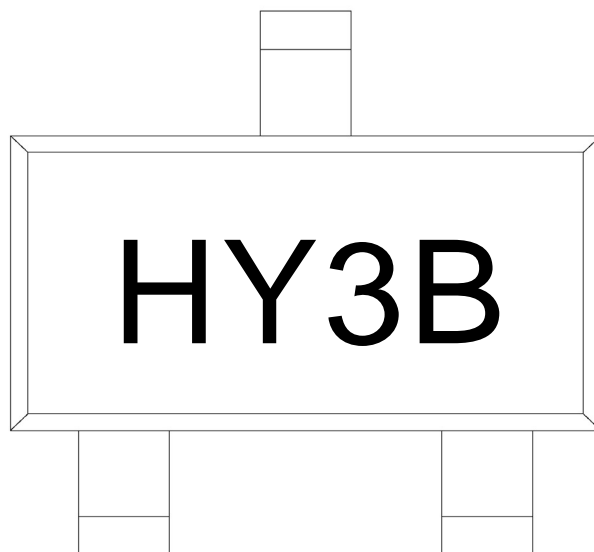
/ Package Dimensions

SOT-323

单位: mm



/ Marking Instructions



H

Y3

B             $h_{FE}$

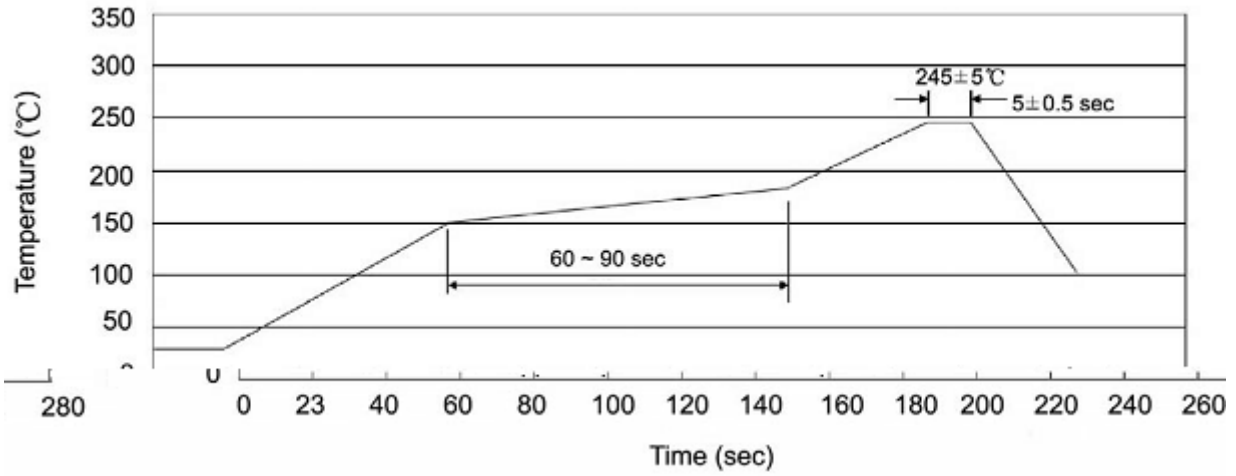
Note:

H:            Company Code.

Y3:          Product Type.

B             $h_{FE}$  Classifications Symbol

( ) /



Note:

- |   |       |     |    |           |   |
|---|-------|-----|----|-----------|---|
| 1 | 25    | 150 | 60 | 90sec;    | 1.Preheating:25~150 , 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°C                      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 <sup>3</sup> )		
	只卷盘	卷盘盒	只盒	盒箱	只箱		盒	箱
						"		

/ Notices