

/ Descriptions

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

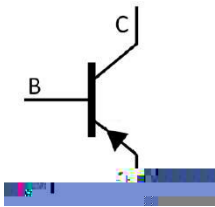
/ Features

BC846W
High current, low voltage complementary pair with BC846W.

/ Applications

General purpose switching and amplification.

/ Equivalent Circuit



/ Pinning



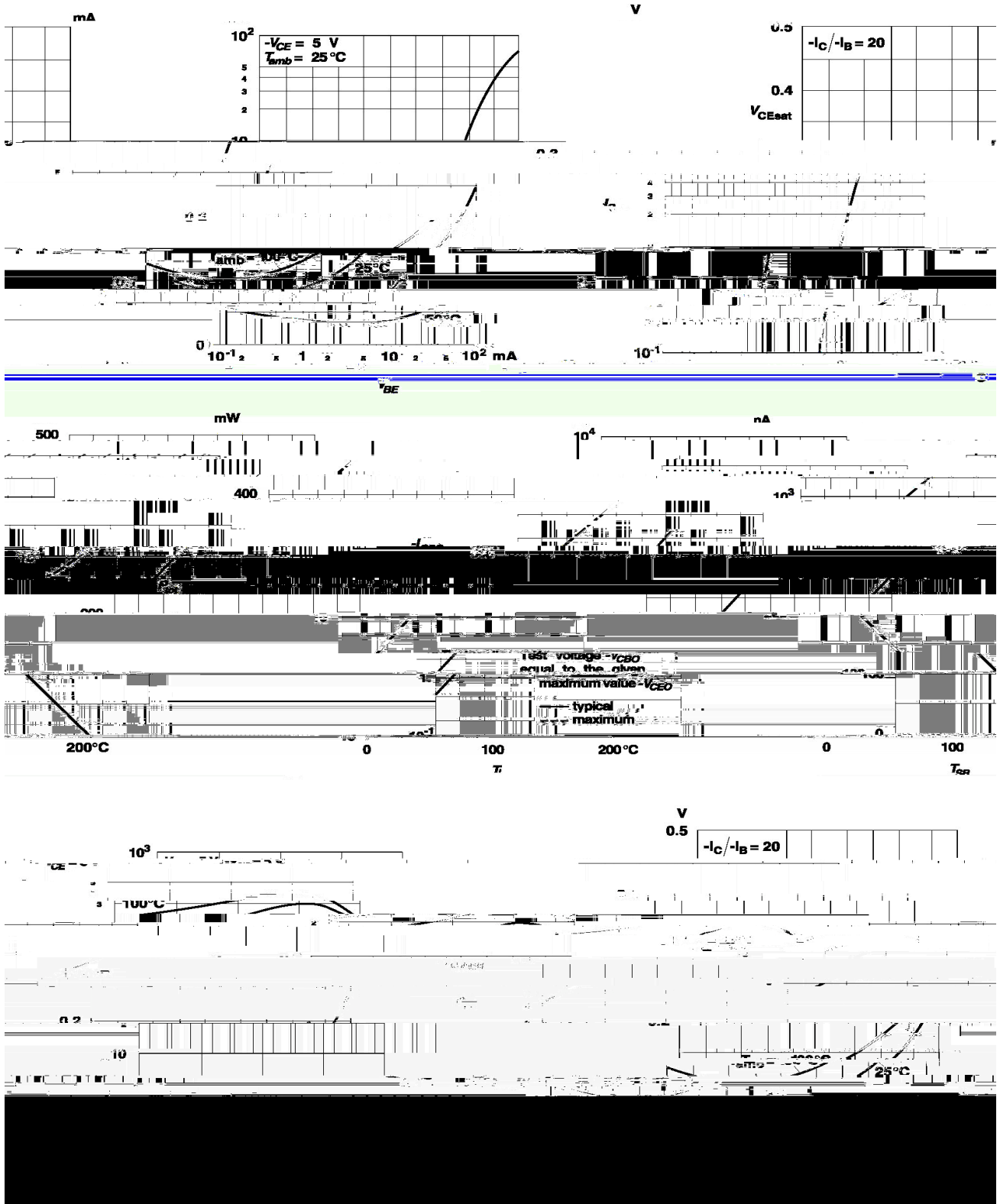
PIN1 Emitter PIN 2 Base PIN 3 Collector

/ Marking

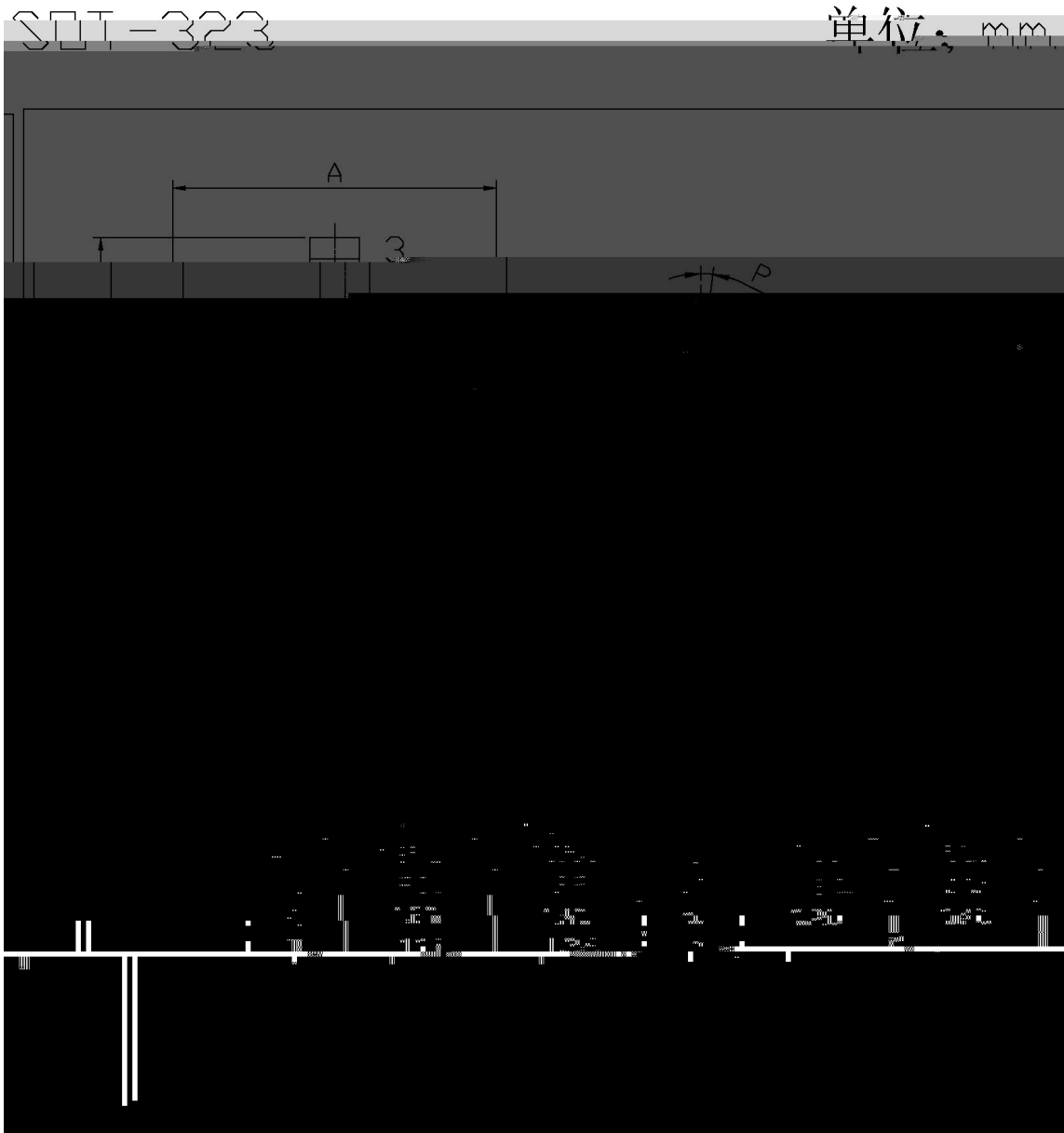
h_{FE} Classifications Symbol	A	B
h_{FE} Range	125 250	220 475
Marking	H3A	H3B

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-80	V

/ Electrical Characteristic Curve

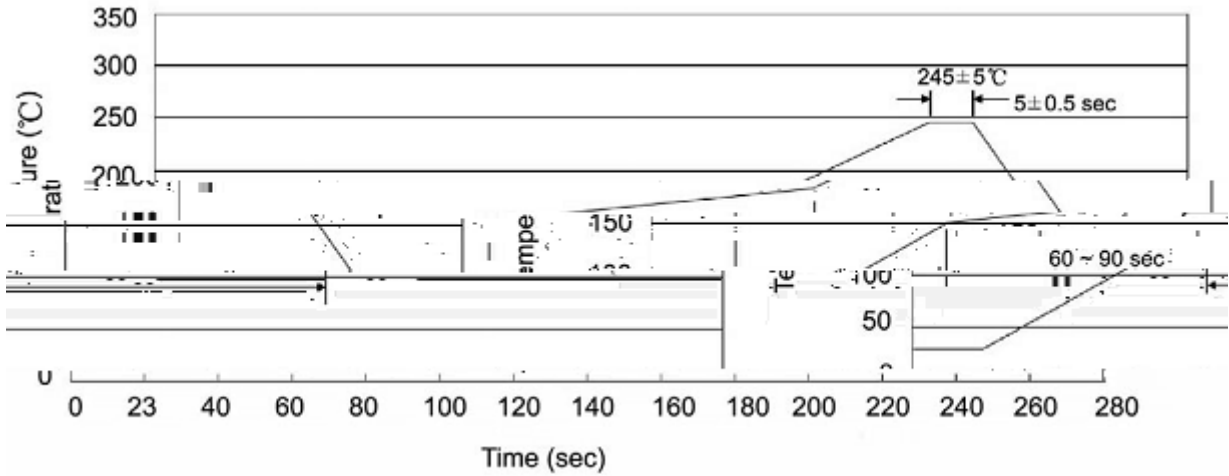


/ Package Dimensions



BC856W

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



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 Time:10±1 sec

/ Packaging SPEC.

/ REEL

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

/ Notices