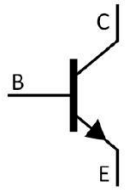
SOT-323 NPN Silicon NPN transistor in a SOT-323 Plastic Package.

- $V_{ce(sat)}$=0.3Vmax

Collectoe to emitter saturation voltage $V_{ce(sat)}$=0.3VmaxExcellent lineality of DC forward current gain,Supper mini package for easy mounting.

For hybrid IC,small type machine low frequency voltage amplify application.

/ Equivalent Circuit





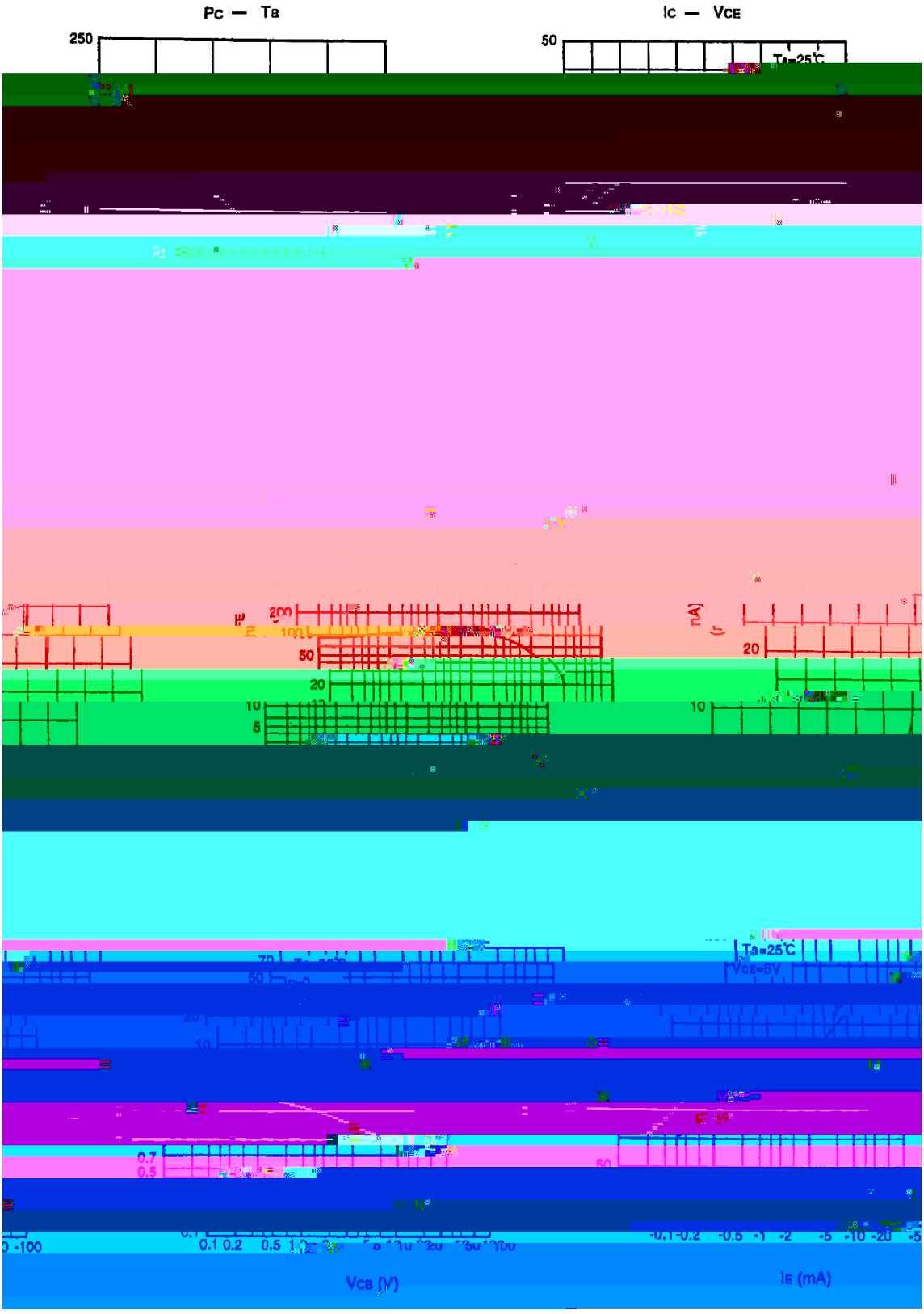
PIN1 Emitter PIN 2 Base PIN 3 Collector

/ Marking

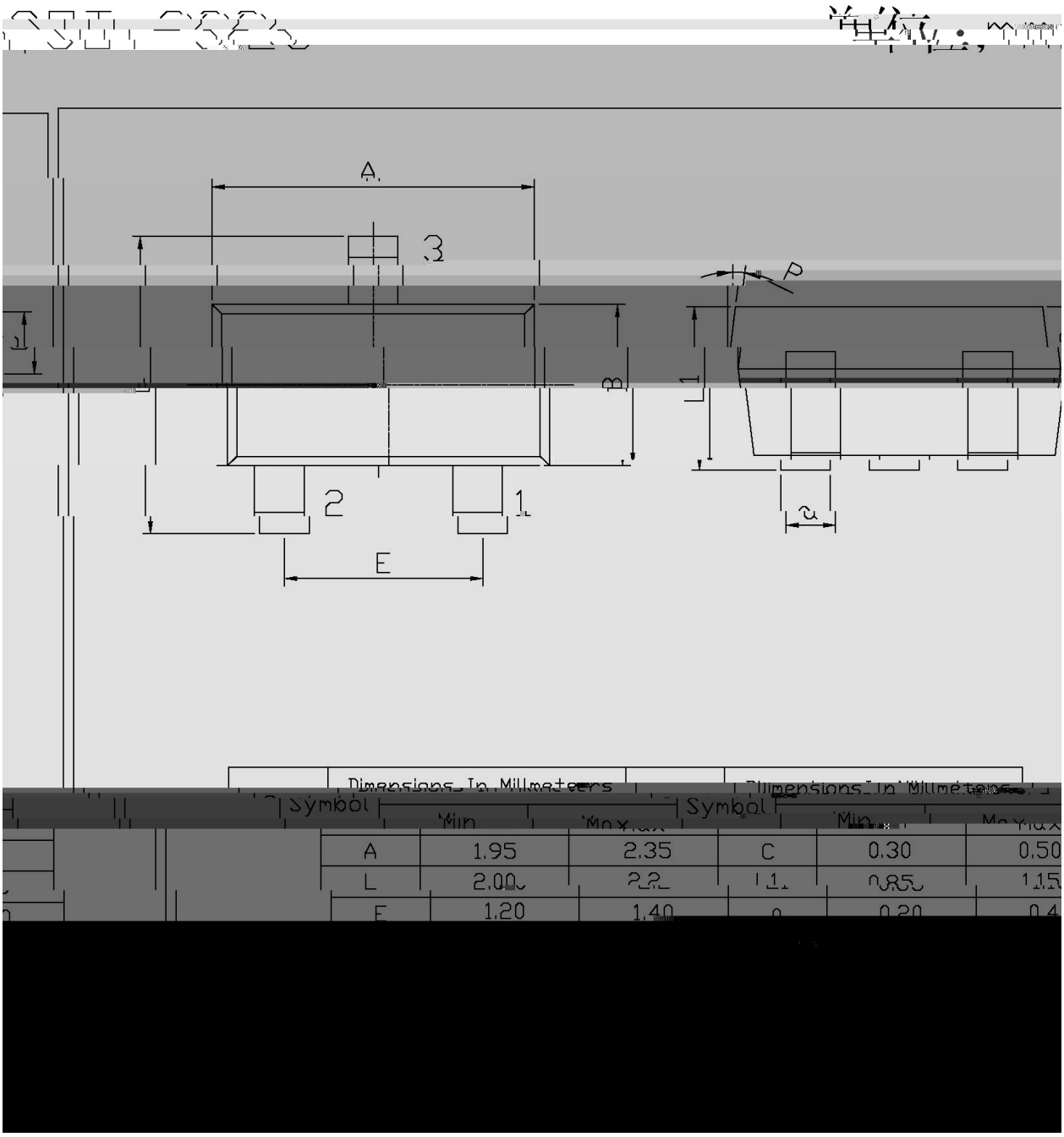
h_{FE} Classifications Symbol h_{FE} Range	Q	R	S	T

Parameter	Symbol		Rating	Unit
Collector to Base Voltage	V_{CBO}		50	V
Collector to Emitter Voltage	V_{CEO}		50	V
Emitter to Base Voltage	V_{EBO}		6	V
Collector Current - Continuous	I_C	2SC4155	0.1	A
		2SC4155A	0.2	
Collector Power Dissipation	P_C		150	mW

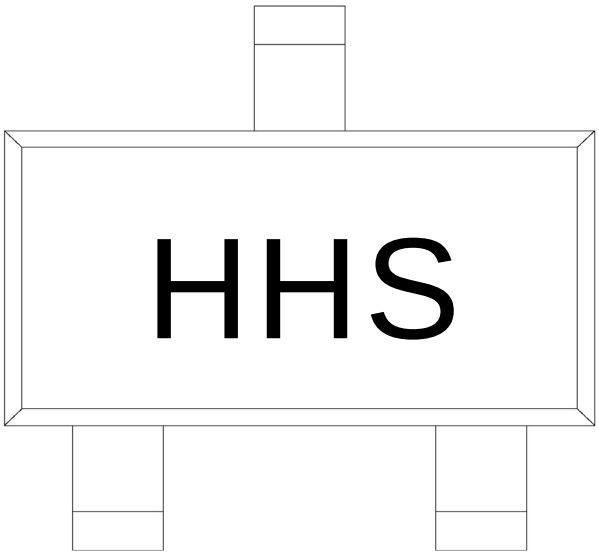
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



H

H

S h_{FE}

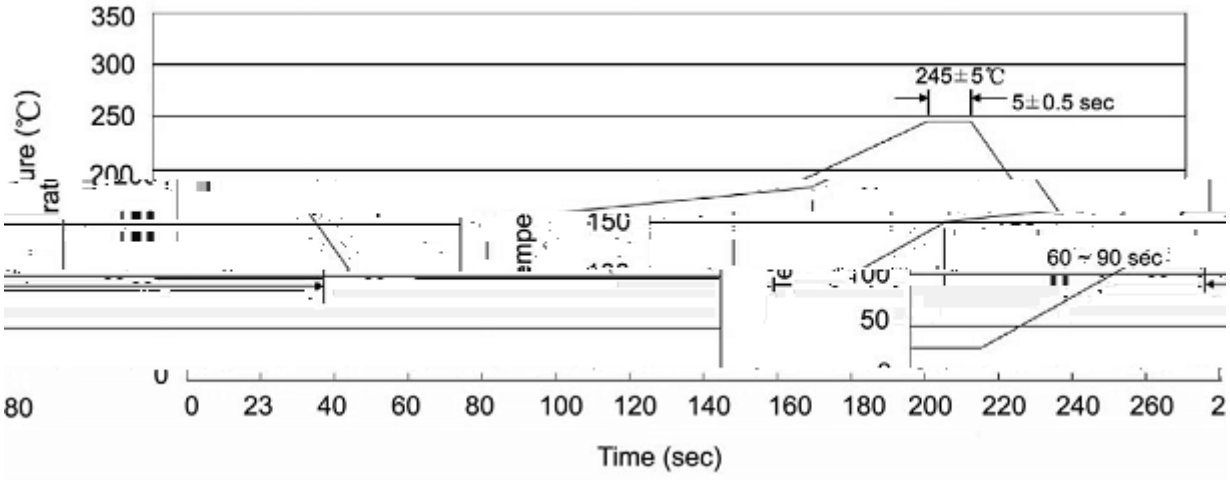
Note:

H: Company Code.

H: Product Type.

S: 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 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
SOT-323	3,000	10	30,000	8	240,000	7 ×8	180×120×180	385×257×392

/ Notices