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

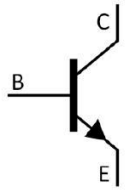
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High f_T, small $C_{C.rbb'}$ and high gain, small NF.

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High-Frequency amplifier transistor

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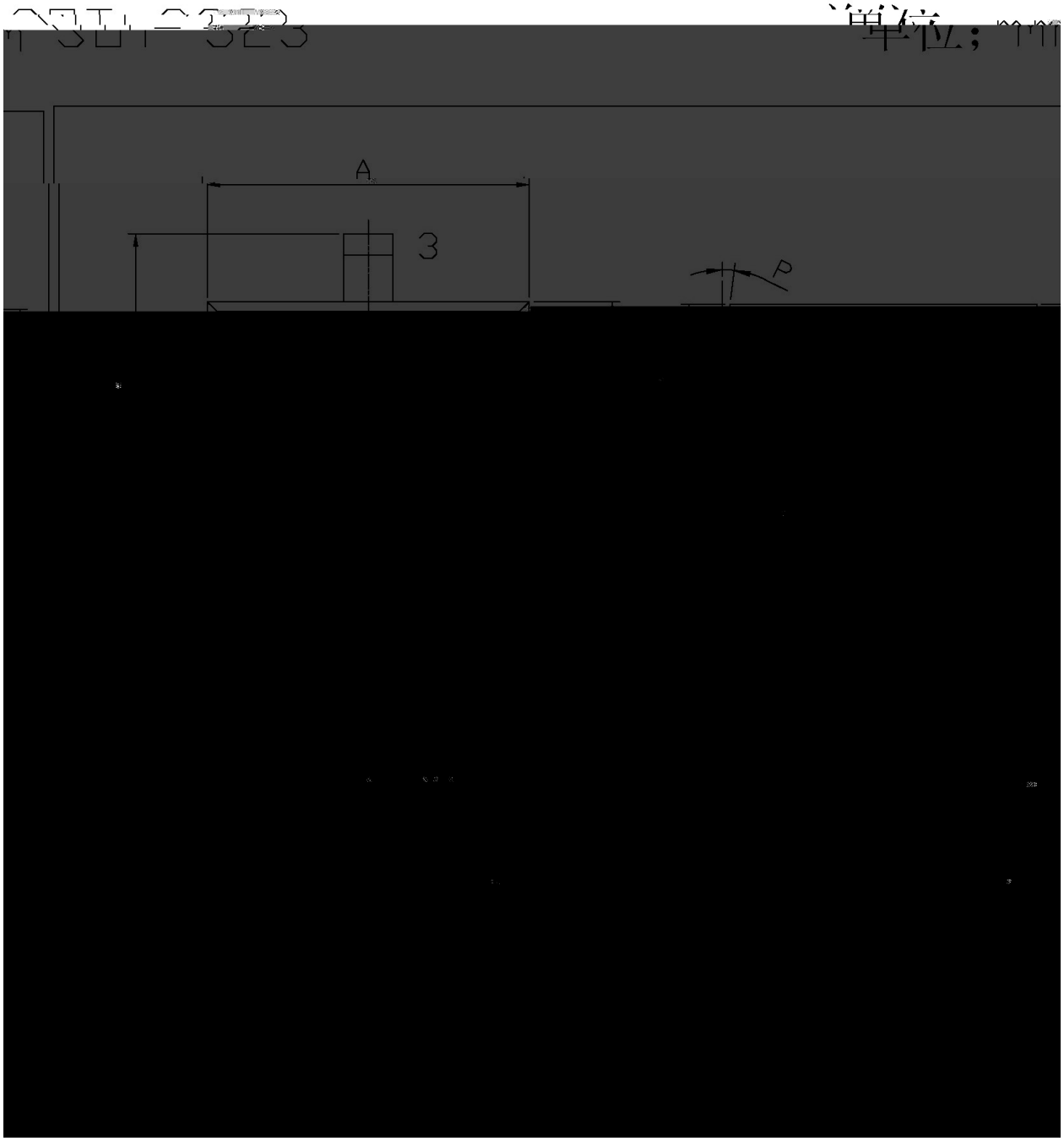
PIN1 Emitter PIN 2 Base PIN 3 Collector

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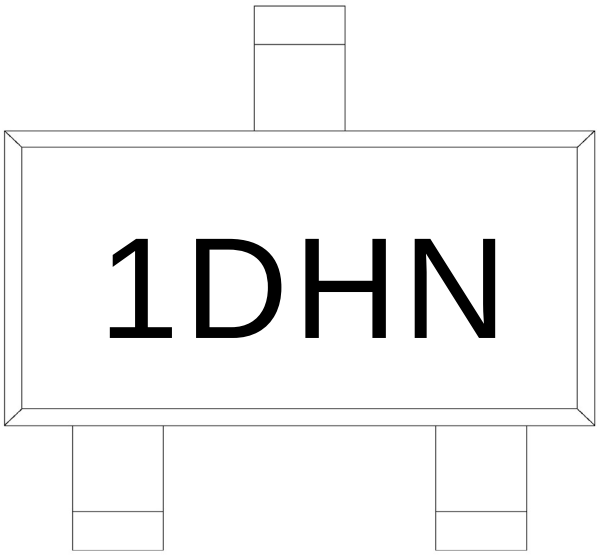
h_{FE} Classifications Symbol	N	P
h_{FE} Range	56 120	82 180
Marking	1DHN	1DHP

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	20	V
Collector to Emitter Voltage	V_{CEO}	11	V
Emitter to Base Voltage	V_{EBO}	3.0	V
Collector Current - Continuous	I_C	50	mA
Collector Power Dissipation	P_C	200	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

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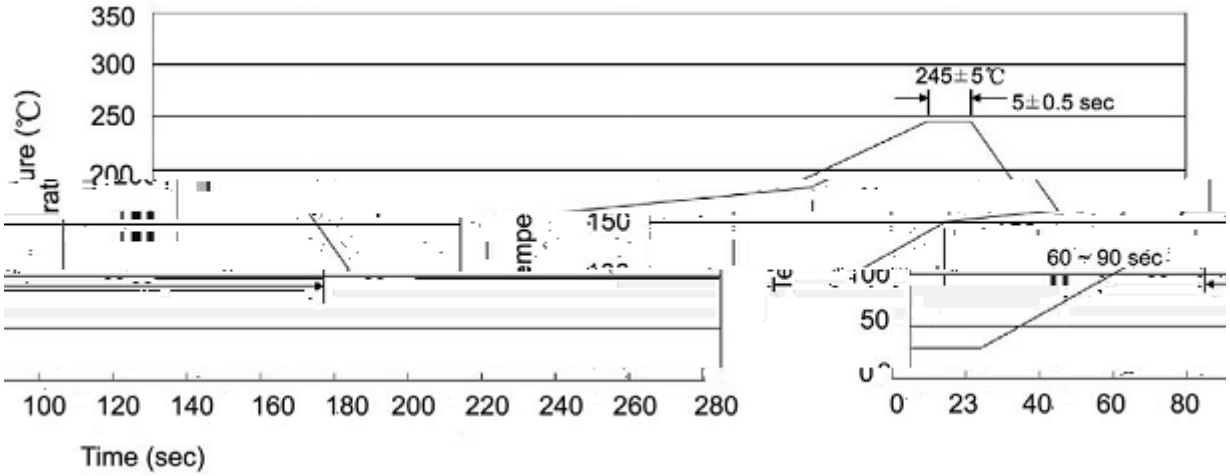
Note:

1D: Product Type.

H: Company Code.

N: h_{FE} Classifications Symbol

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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.

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

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/ 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

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