

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

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

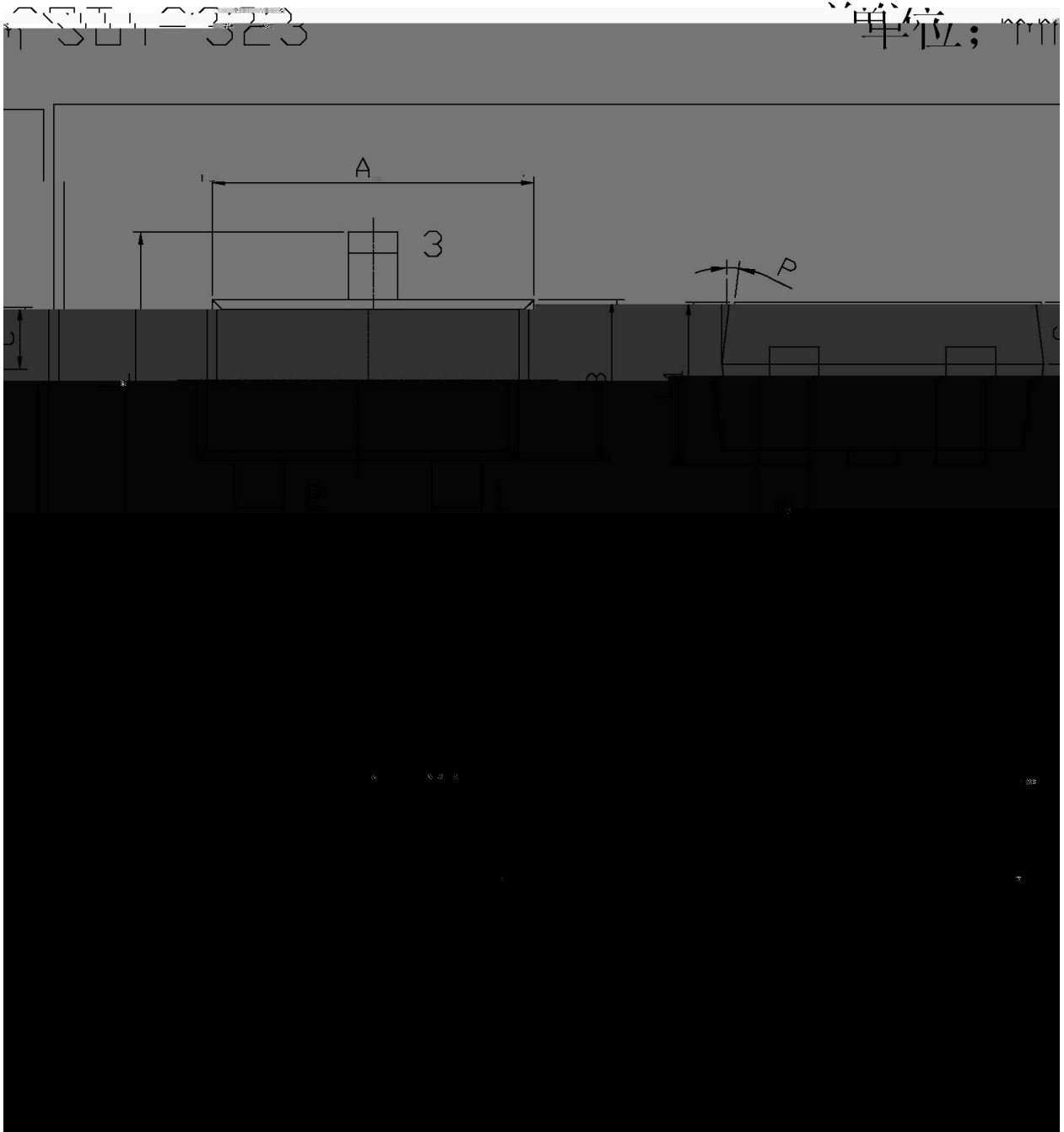
High-Frequency amplifier transistor

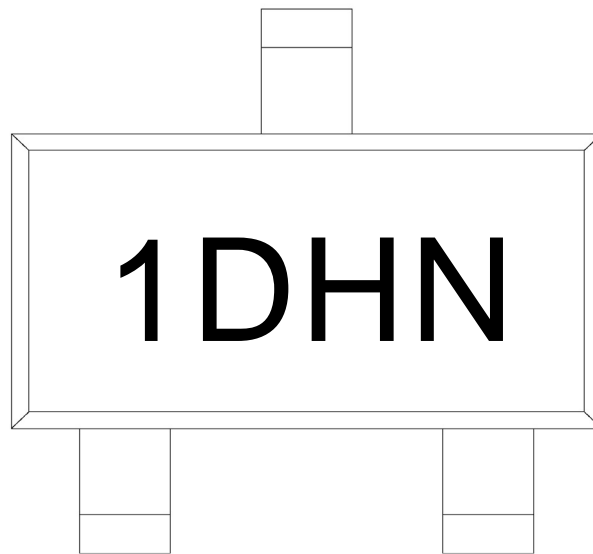


PIN1 Emitter PIN 2 Base PIN 3 Collector

h_{FE} Classifications	N	P
Symbol		
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	





1D

H

N

h_{FE}

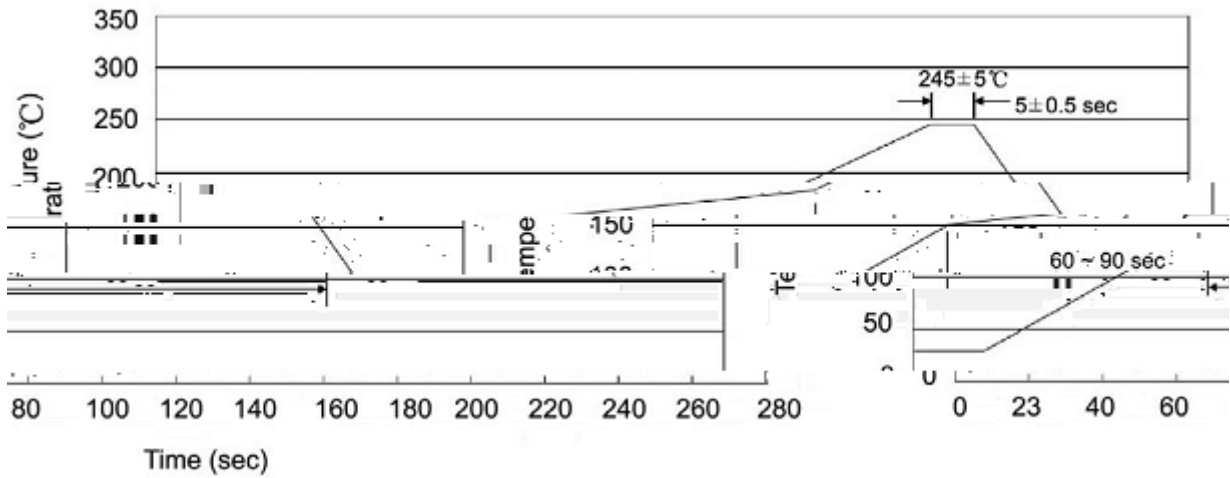
Note:

1D: Product Type.

H: Company Code.

N: h_{FE} Classifications Symbol

K\ d g\ i Xk\ i \ 'Gif] \ d \]fi @ ' l \]f n ' Jf d \ i e ^ ZGYS= i \ \ z



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. |

260±5

10±1 sec.

Temp.:260±5

Time:10±1 sec

/ REEL

Package Type	Units					Dimension (unit mm ³)		