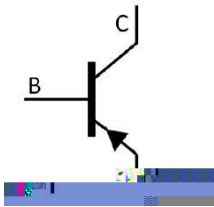


SOT-89          PNP          Silicon PNP transistor in a SOT-89 Plastic Package.

2SD2185

Low  $V_{CE(sat)}$ , complementary to 2SD2185.

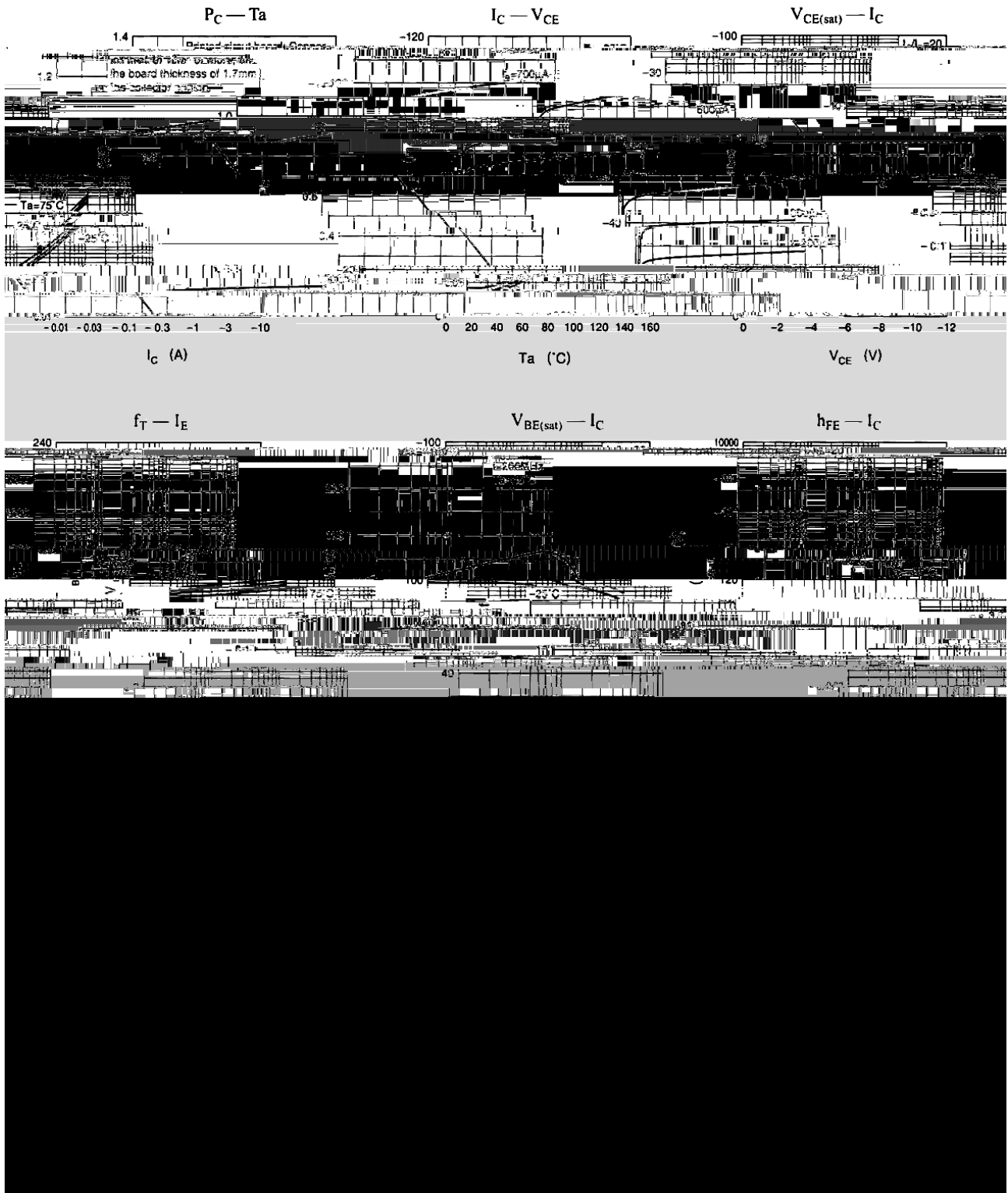
For low frequency output amplification.



PIN1 Base          PIN 2 Collector          PIN 3 Emitter

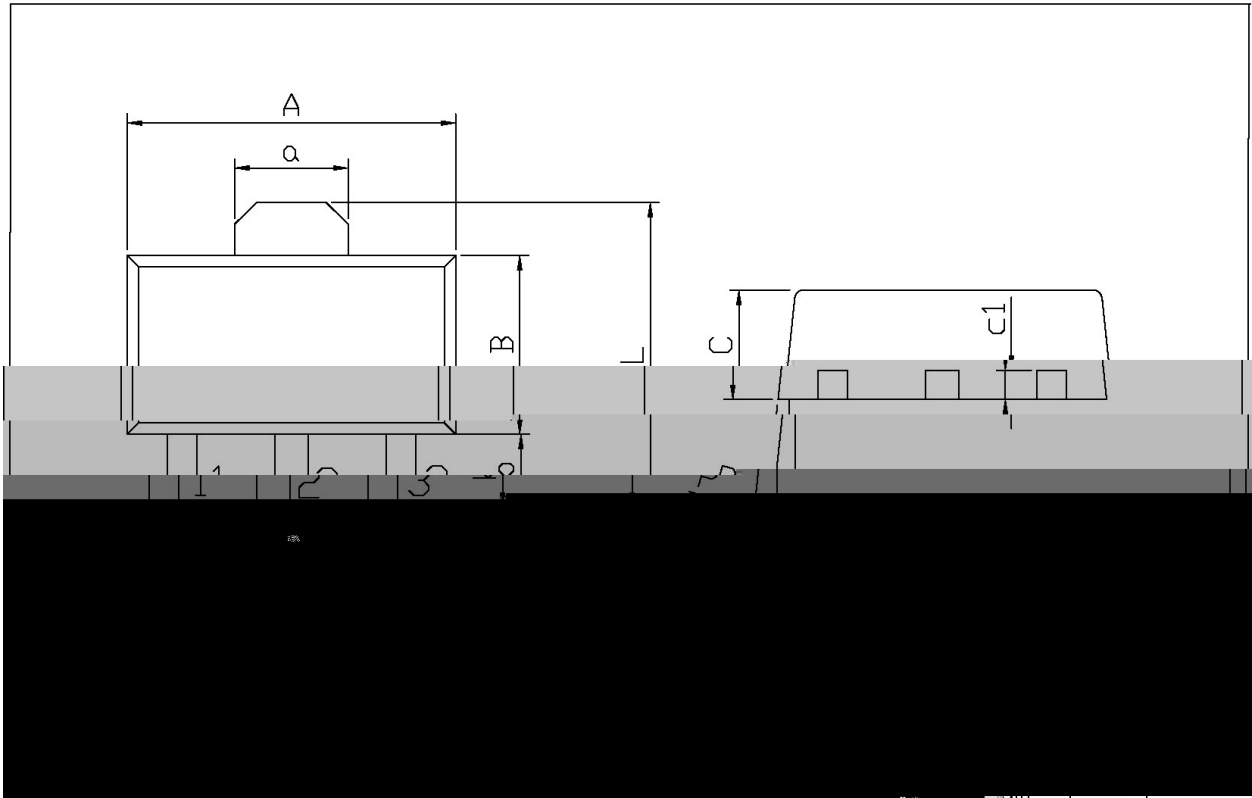
$h_{FE}$ Classifications Symbol	R	S
$h_{FE}$ Range	120 240	170 340
Marking	H1IR * *	H1IS * *

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	$V_{CBO}$	-50	V
Collector to Emitter Voltage	$V_{CEO}$	-50	V
Emitter to Base Voltage	$V_{EBO}$	-5.0	V
Collector Current-Continuous	$I_C$	-2.0	A
Collector Current -Continuous(Pulse)	$I_{CP}$	-3.0	A
Collector Power Dissipation*	$*P_C$	1.0	W
Junction Temperature	$T_j$	150	

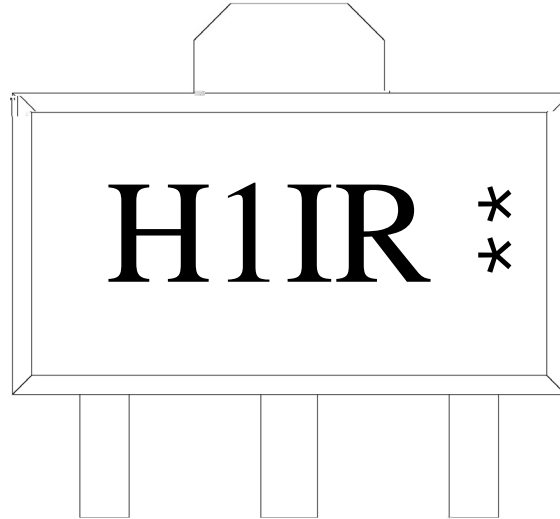


# SOT-89

单位: mm



Symbol	Dimensions in millimeters		Symbol	Dimensions in millimeters	
	Min	Max		Min	Max
A	4.4	4.7	a1	0.36	0.56
B	2.30	2.67	C	0.20	0.30
a	0.36	0.56			



H

1I

R:  $h_{FE}$

\*\*

Note:

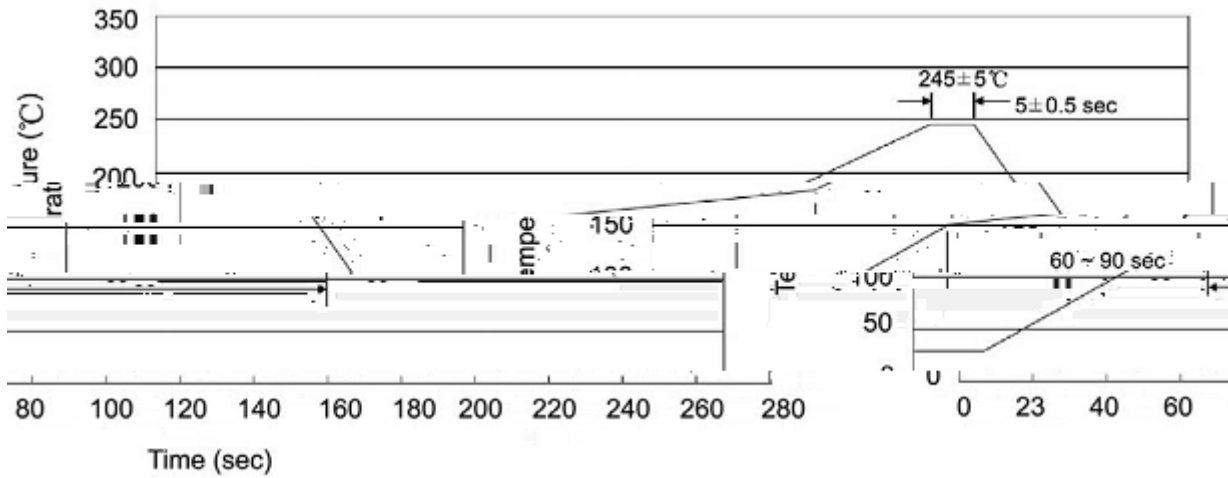
H: Company Code.

1I: Product Type.

R:  $h_{FE}$  Classifications Symbol

\*\* : Lot No. Code, code change with Lot No.

## K\ d g\ i Xk i \ 'Gif ] \ d ] fi @ ' l \ ] f n J f d \ i e ^ Z G Y \$ = 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 <sup>3</sup> )		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
SOT-89	1,000	7	7,000	8	56,000	7 ×12	180×120×180	385×257×392