

٢٠٣ / Descriptions

Silicon PNP transistor in a SOT-89 Plastic Package.

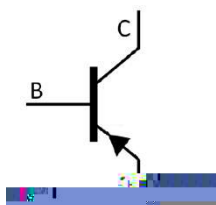
• ٢ / Features

Suitable for output stage of 3 watts amplifier, small flat package, complementary to 2SC2883.

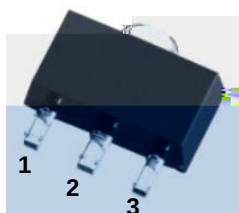
٧ ٣ / Applications

Audio frequency amplifier applications.

٧ ٣ ٢ = ٢ / Equivalent Circuit



٢ ١ ٣ / Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

٢. ٢ ٣ / Marking

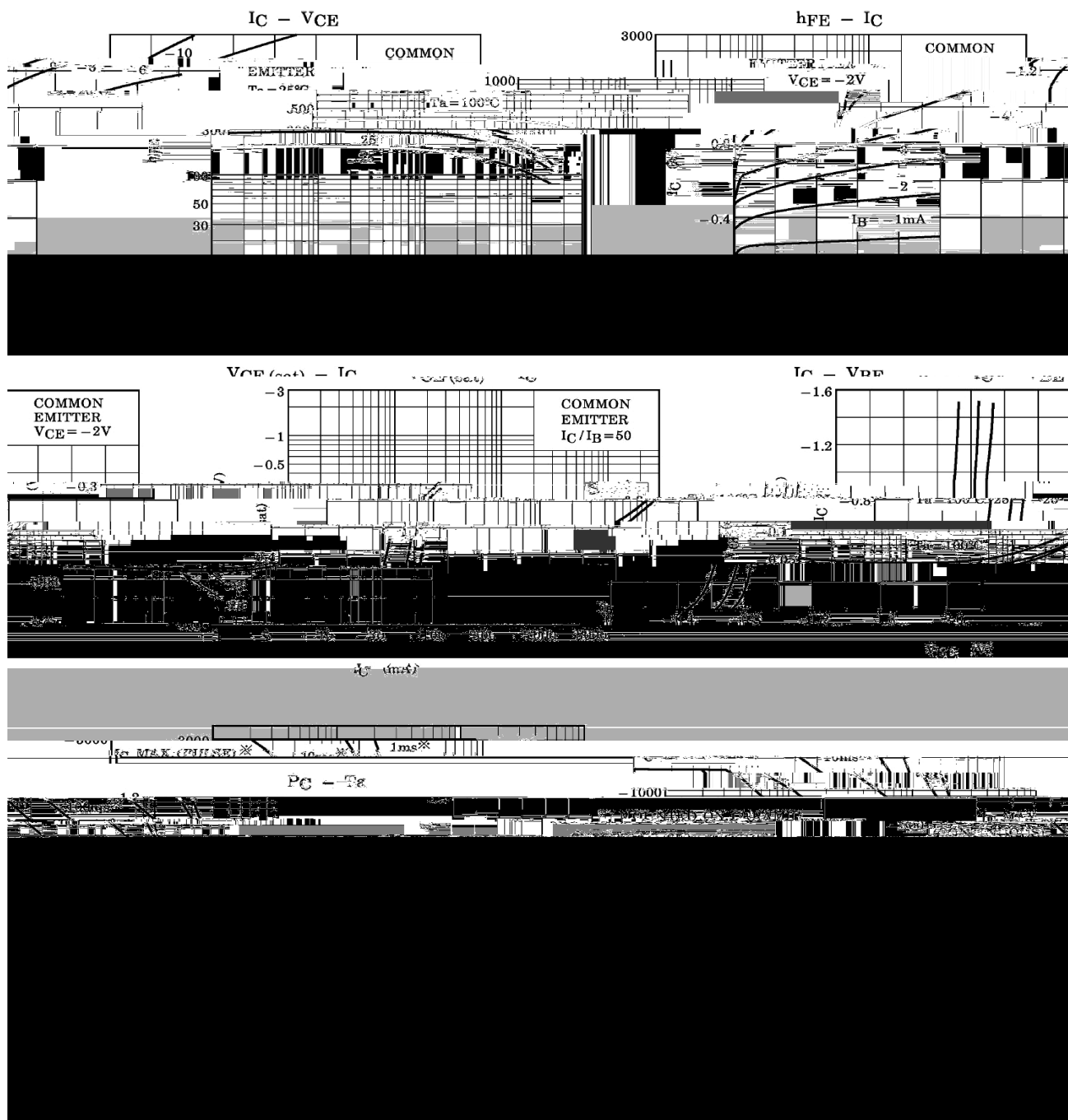
h_{FE} Classifications Symbol	O	Y
h_{FE} Range	100 200	160 320
Marking	HHO *	HHY *

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-30	V
Collector to Emitter Voltage	V_{CEO}	-30	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current-Continuous	I_C	-1.5	A
Collector Base-Continuous	I_B	-0.3	A
Collector Power Dissipation	P_C	500	mW
Collector Power Dissipation*	$*P_C$	1.0	W
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

*mounted on ceramic substrate(250mm²×0.8t)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Emitter Breakdown Voltage	V_{CEO}	$I_{39.803 Tm()Tj6.41}$				

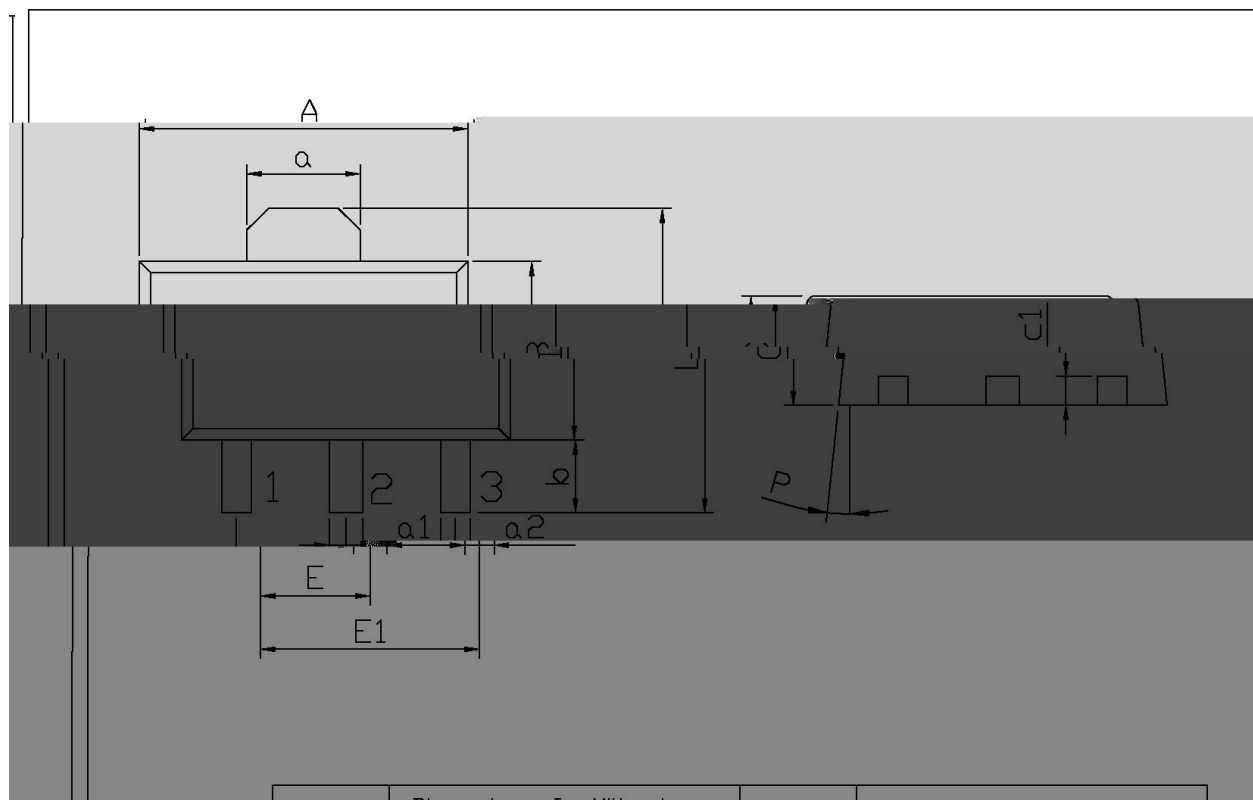
Electrical Characteristic Curve



⊂ É Ò L f / Package Dimensions

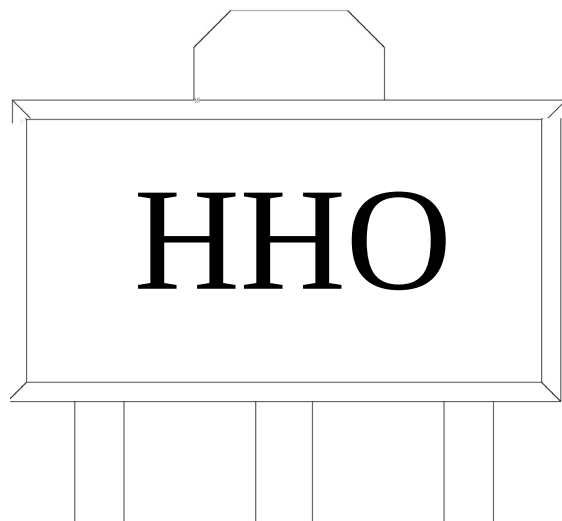
SOT-88

单位: mm



Dimensions In Millimeters				Dimensions In Inches			
Symbol	Min	Max	Symbol	Min	Max	Symbol	Min
A	4.4	4.7	a1	0.35	0.4	a2	0.35
B	2.35	2.65	a2	0.35	0.4		

1. 1.1 / Marking Instructions



H

H

O

h_{FE}

Note:

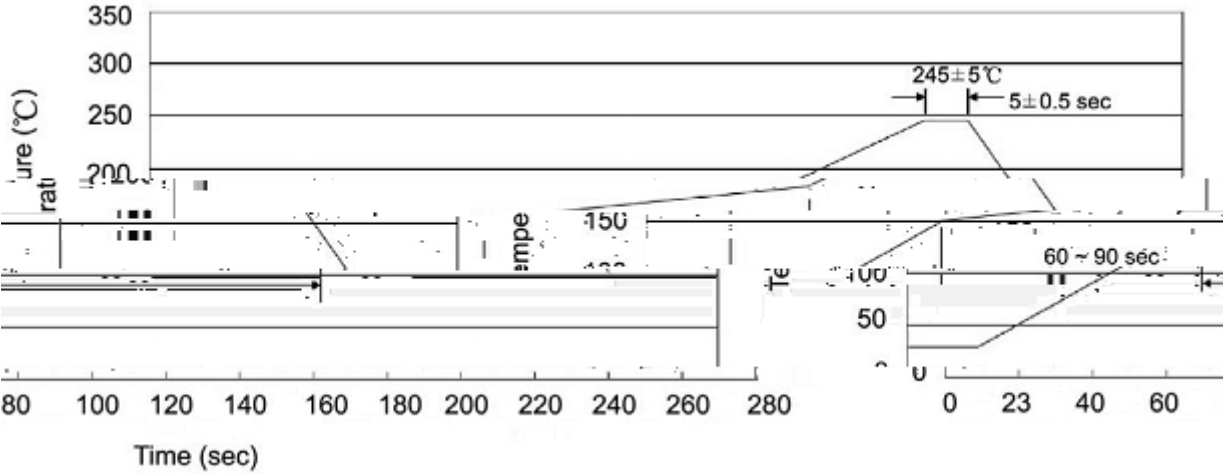
H: Company Code.

H: Product Type.

O: h_{FE} Classifications Symbol

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

Thị trường bán dẫn (Việt Nam) / Whp shudwxuh Suriloh i ru LU Uhior z Vroghulqj+Se0l uhh,



Note:

1 25 150 60 90sec;

1.Preheating:25~150