

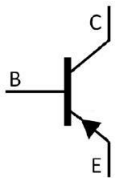
/ Descriptions

SOT-223

Silicon PNP transistor in a SOT-223 Plastic Package.

Low saturation voltage, excellent h_{FE} linearity and high h_{FE} .

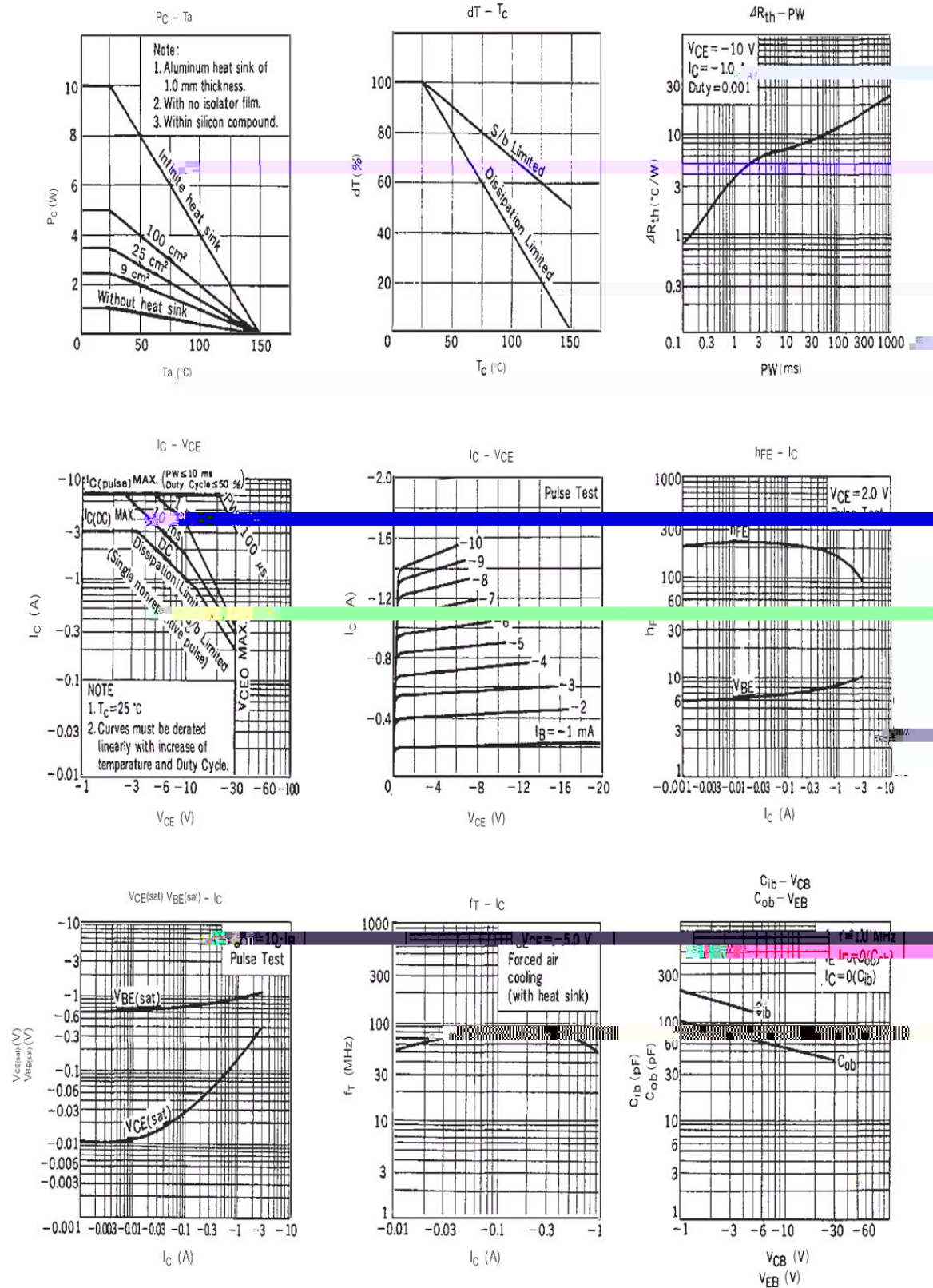
Output stage of 3 watts audio amplifier, voltage regulator, DC-DC converter and relay driver .



PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

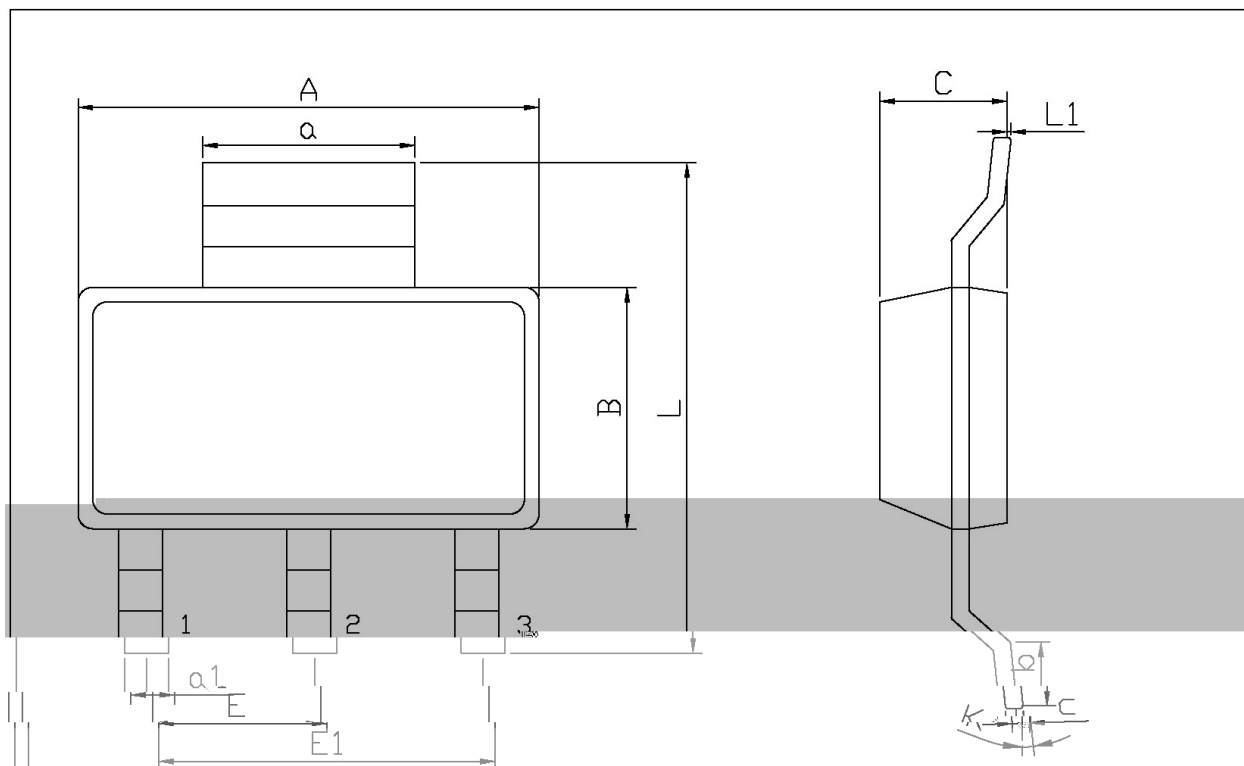
/ Electrical Characteristic Curve



/ Package Dimensions

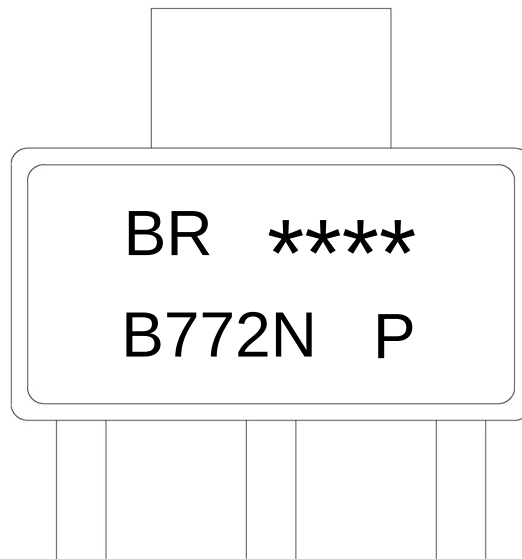
SOT-223

单位: mm



Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max
A	6.30	6.70	C	1.80Max	
a	2.90	3.10	b	0.91	-
B	3.30	3.70	c	0.47	0.32L
L	6.70	7.30	K	0°	10°
a1	0.60	0.80	L1	0.02	0.10
E1	4.60				
E	2.30				

/ Marking Instructions



BR

B772N

P

h_{FE}

Note:

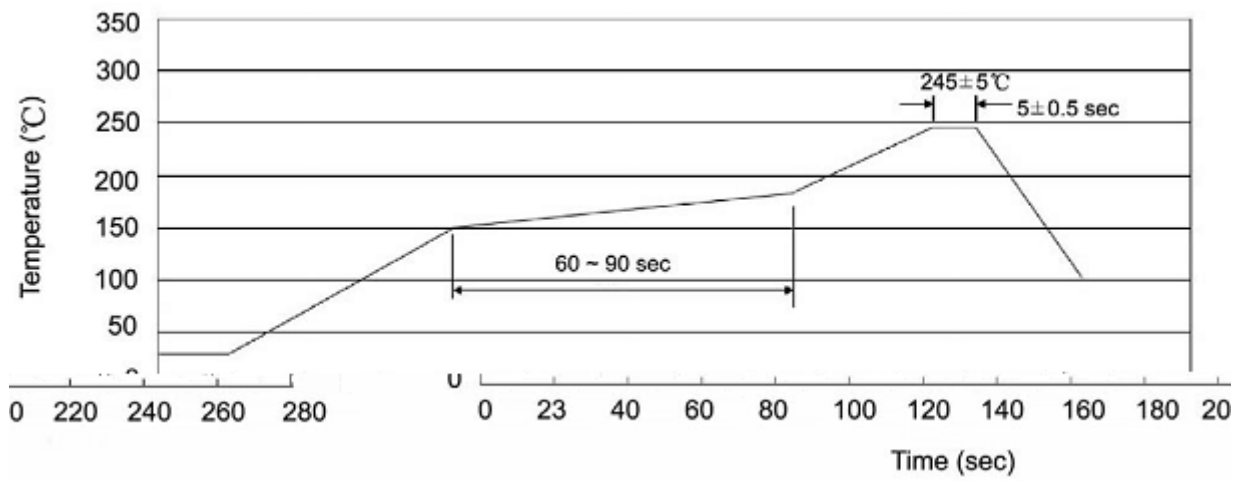
BR: Company Code.

B772N: Product Type.

P: h_{FE} Classifications Symbol

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

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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. |

/ Resistance to Soldering Heat Test Conditions

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

/ Packaging SPEC.

/ REEL

QC05-Pd-BW-Es1w