

/ Descriptions

Silicon PNP transistor in a TO-252 Plastic Package.

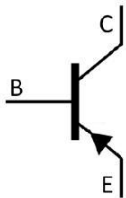
/ Features

high speed switching, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

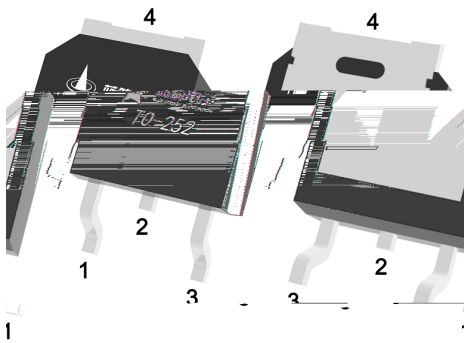
/ Applications

Low power audio amplifier, Low current, high speed switching applications, Meet the stringent requirements of automotive applications.

/ Equivalent Circuit



/ Pinning

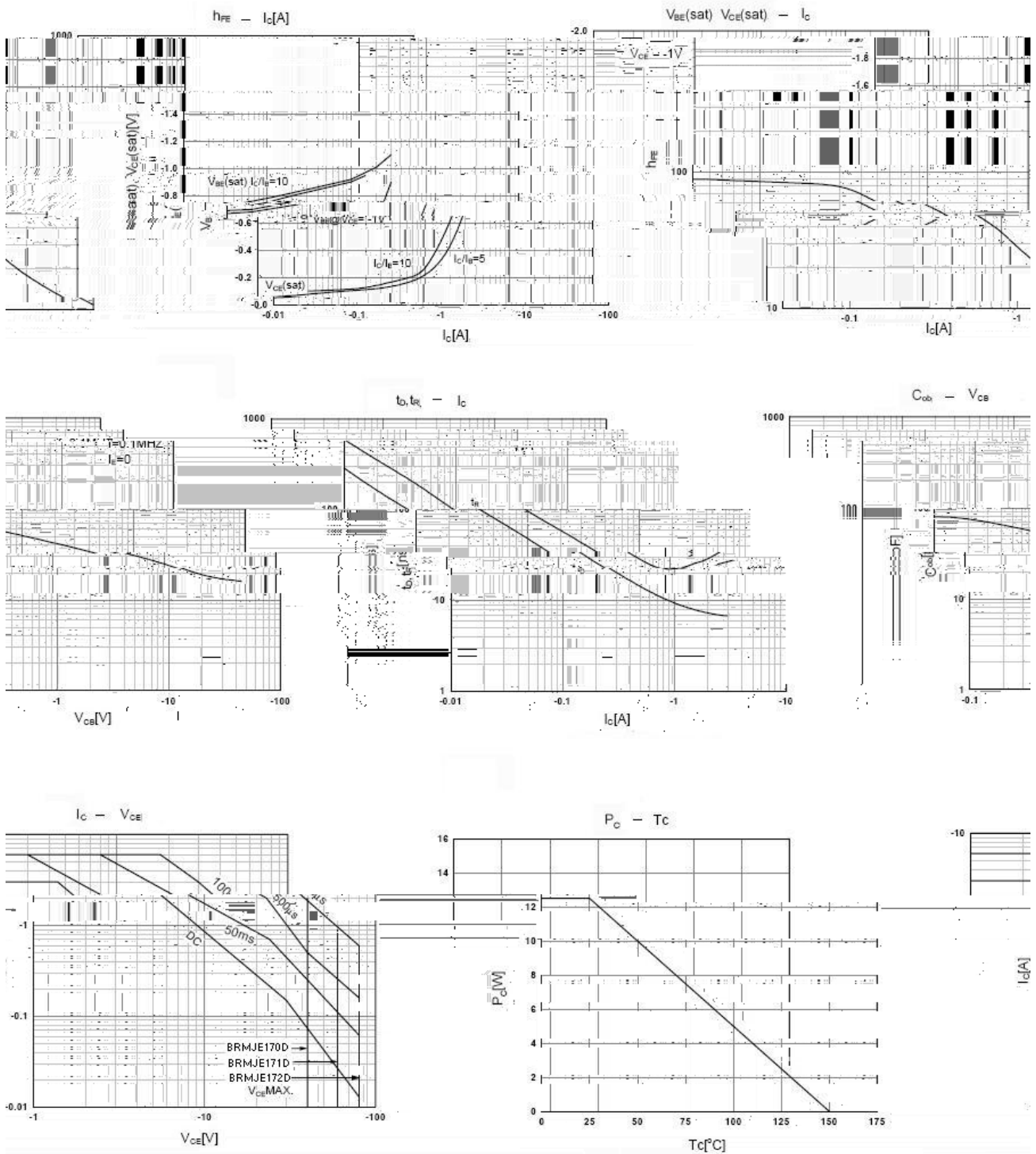


PIN1 Base PIN 2,4 Collector PIN 3 Emitter

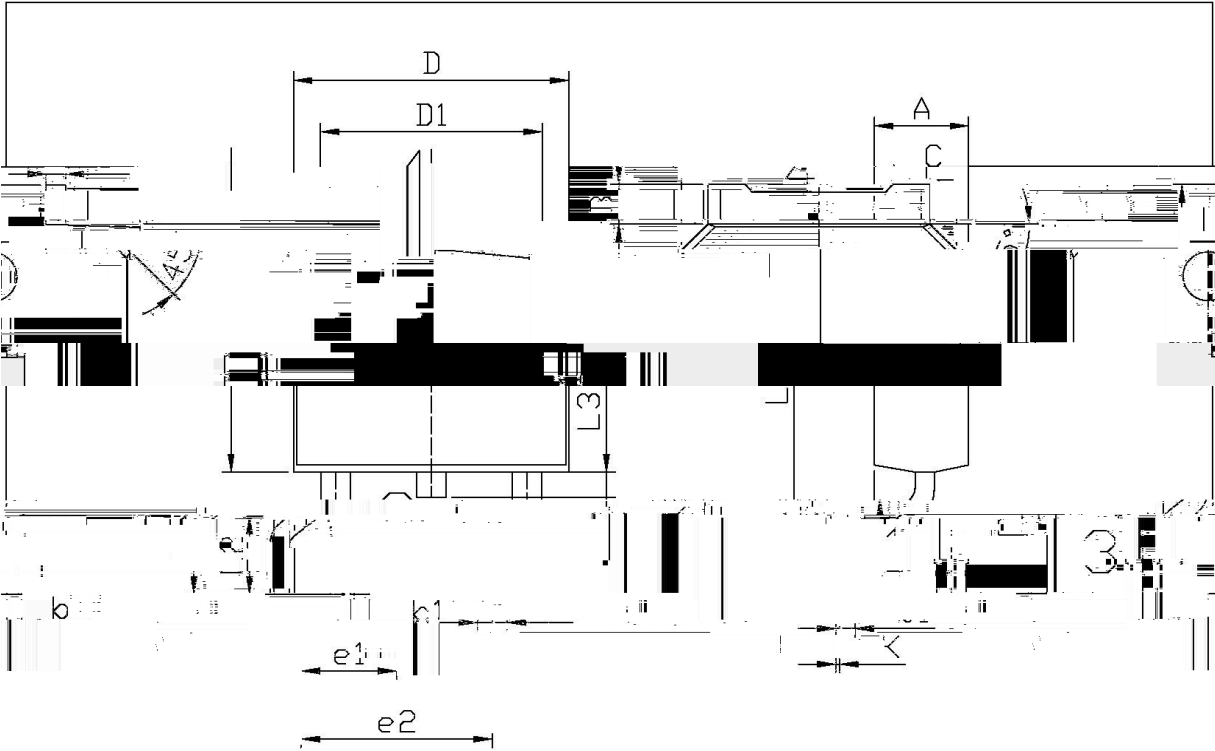
/ h_{FE} Classifications & Marking

See Marking Instructions.

/ Electrical Characteristic Curve



/ Package Dimensions

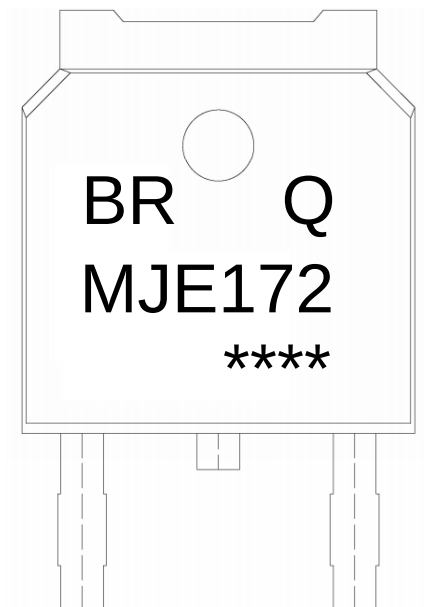


单位: mm

Symbol		Dimensions In Millimeters		Symbol		Dimensions In Millimeters	
		Min	Max			Min	Max
A	6.25	0.20		B	2.20	2.20	2.40
C	2.24	2.34		D	0.95	1.25	e1
E	1.22	1.45	1.63	F	0.70	0.60	e2
L3	9.85	10.35		K	0.45	0.55	
D1	20.45	0.55		L2	1.70	2.00	
D	0.60	0.90		D1	6.45	6.75	L3
K	5.50	0.00	0.10	D1		5.10	

T0-252

/ Marking Instructions



BR

Q

Note:

BR: Company Code

Q: Automobile halogen-free product Code

MJE172: Product Type Code

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

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Note:

- 1

150 200

60 120sec;

1.Preheating:150~200 , Time:60~120sec.
- 2

255 5

5 0.5sec;

2.Peak Temp.:255 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