

/ Descriptions

Silicon PNP transistor in a TO-252 Plastic Package.

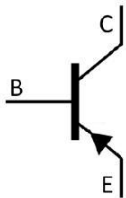
/ Features

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

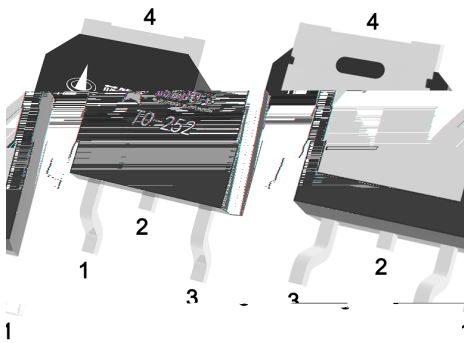
/ Applications

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

/ Equivalent Circuit



/ Pinning



PIN1 Base

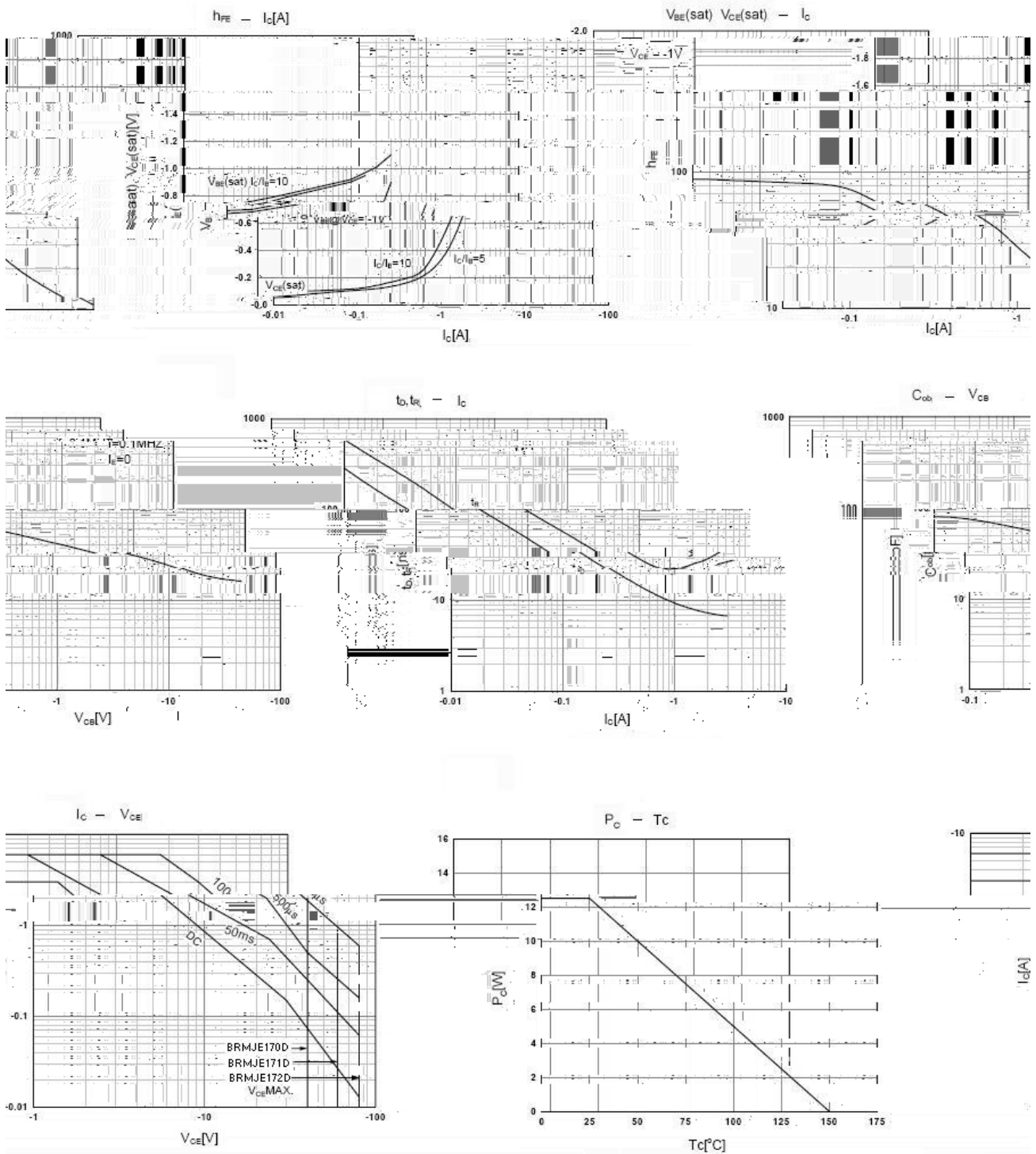
PIN 2,4 Collector

PIN 3 Emitter

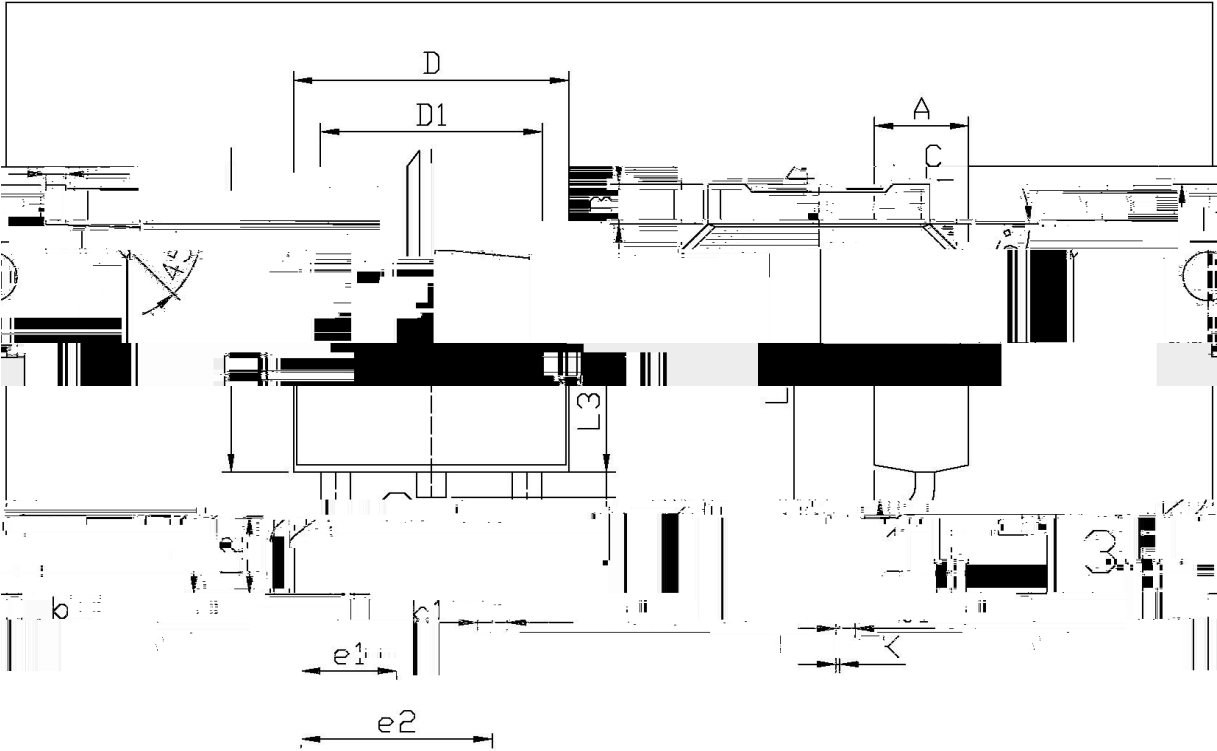
/ h_{FE} Classifications & Marking

See Marking Instructions.

/ Electrical Characteristic Curve



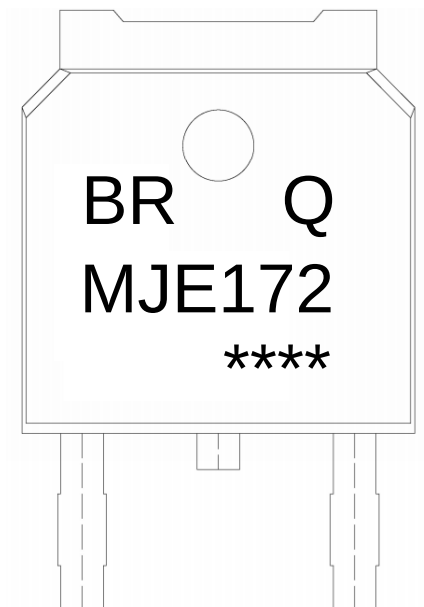
/ Package Dimensions



单位: mm

Symbol		Dimensions In Millimeters		Symbol		Dimensions In Millimeters	
		Min	Max			Min	Max
A	2.24	2.34	2.40	B	0.95	1.25	e1
C	1.62	1.53	1.60	D	0.70	0.90	e2
D1	9.85	10.35	10.50	D2	5.11	6.45	6.55
E	2.45	2.55	2.60	F	1.70	2.00	2.10
G	0.60	0.90	1.00	H	6.45	6.75	L3
K	0.60	0.60	0.10	D1	5.10		

/ 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