

/ Descriptions

TO-252 PNP Silicon PNP transistor in a TO-252 Plastic Package.

/ Features

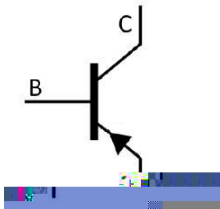
AEC-Q101

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

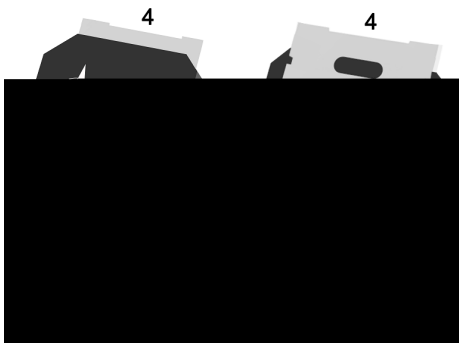
/ Applications

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

/ Equivalent Circuit



/ Pinning

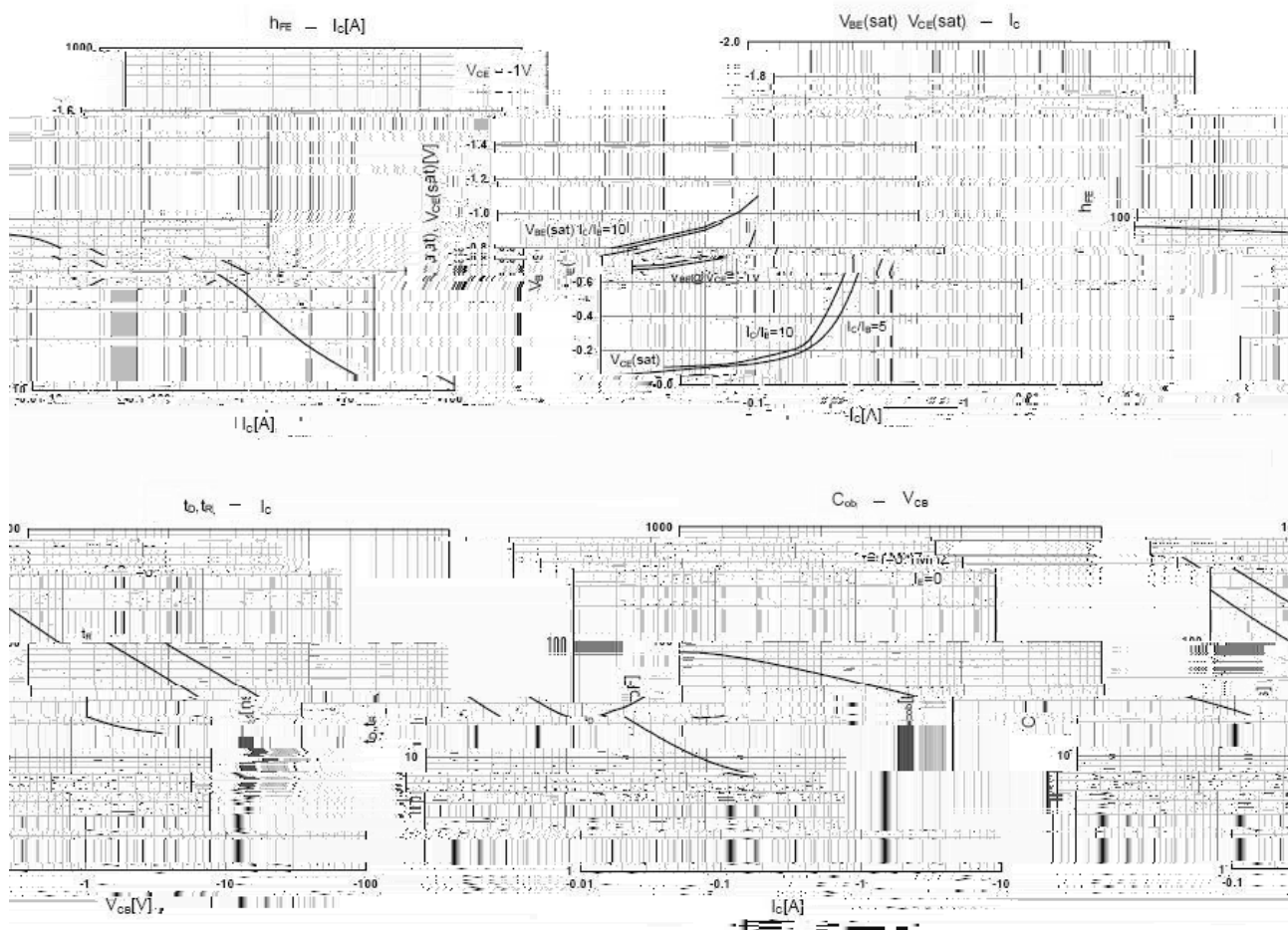
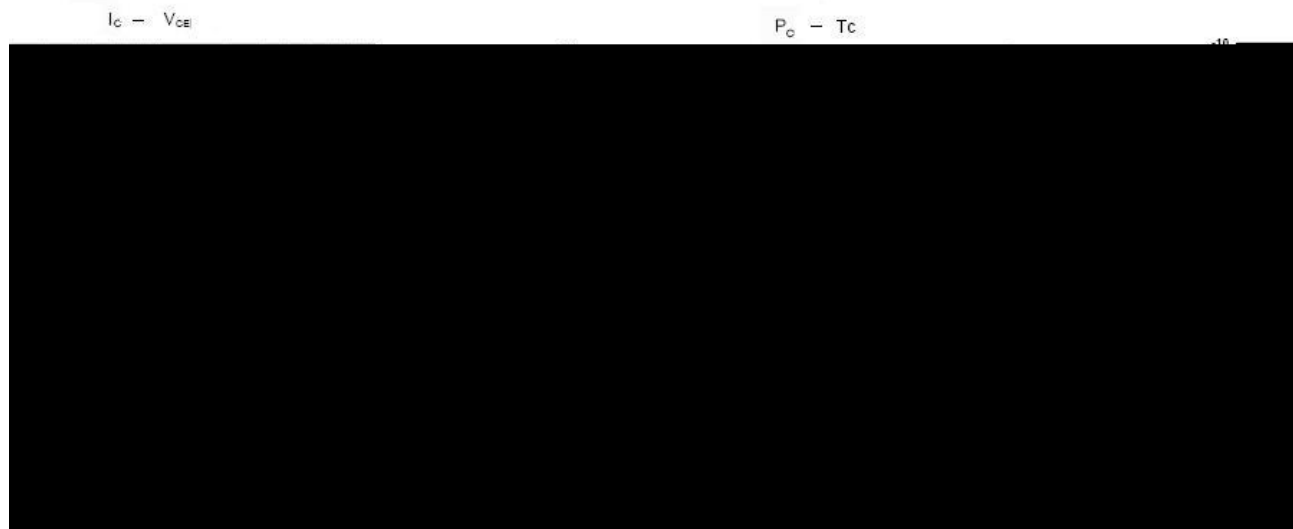


PIN1 Base PIN 2,4 Collector PIN 3 Emitter

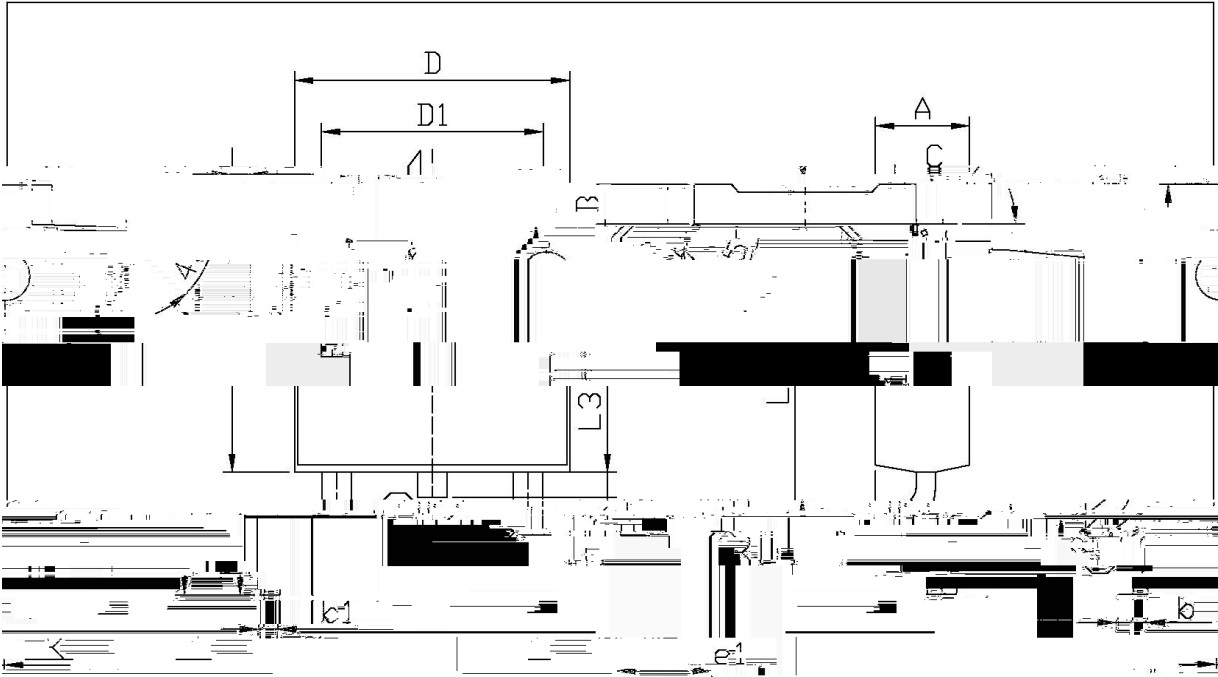
/ h_{FE} Classifications & Marking

See Marking Instructions.

/ Electrical Characteristic Curve



/ Package Dimensions

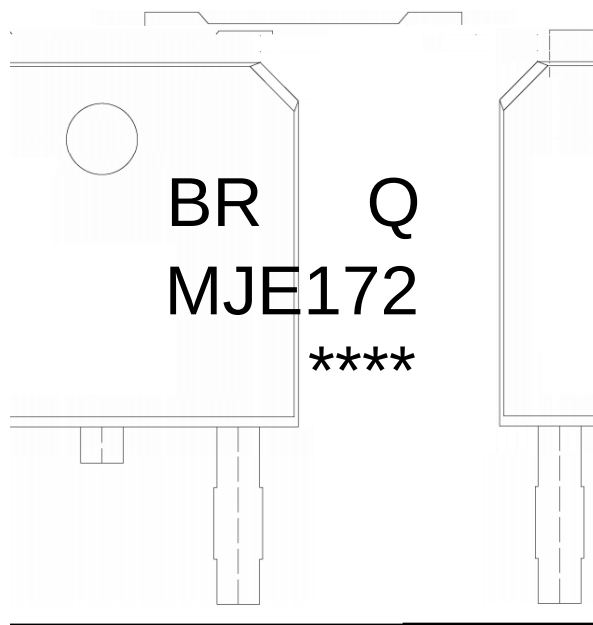


单位: mm

Dimensions, Millimeters		Dimensions, In Millimeters	
Min	Max	Min	Max
2.34		0.95	1.25
7.3		0.70	0.90
9.95		10.35	
10.75		0.45	0.55
6.65		0.60	0.90
6.75		0.005	0.10
5.10		5.50	
		0.60	0.10
			D1

T0-252

/ Marking Instructions



BR

Q

MJE172

Note:

BR: Company Code

Q: Automobile halogen-free product Code

MJE172: Product Type Code

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

BRMJE172DQ

Rev.A Jun.-2025



蓝箭电子
BLUE ROCKET ELECTRONICS

DATA SHEET