

/ Descriptions

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

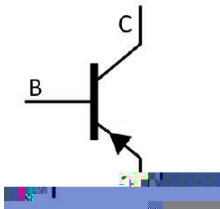
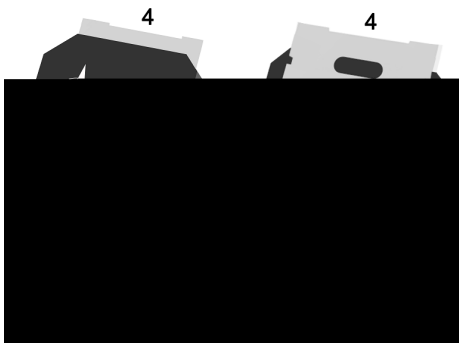
/ Features

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.

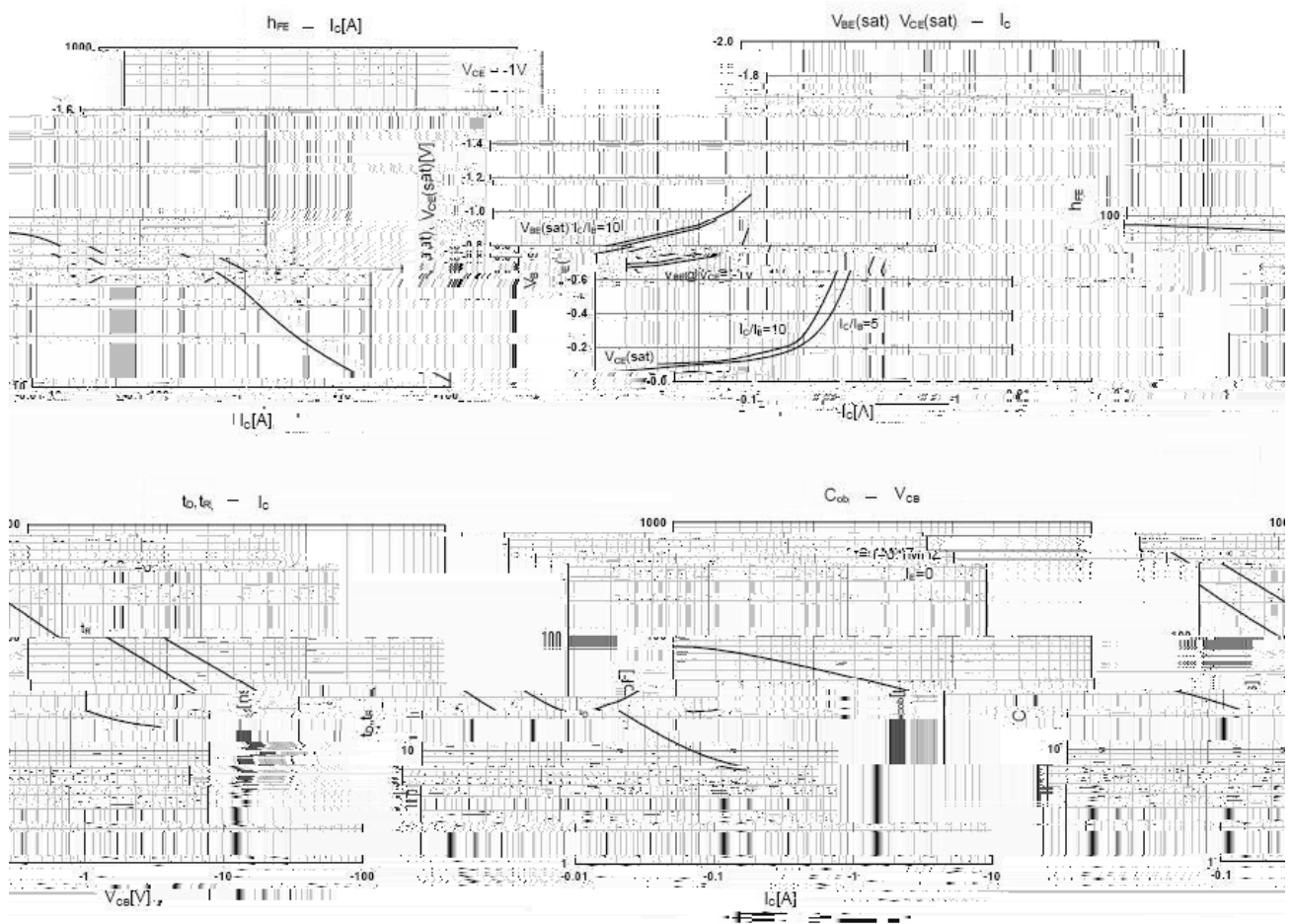
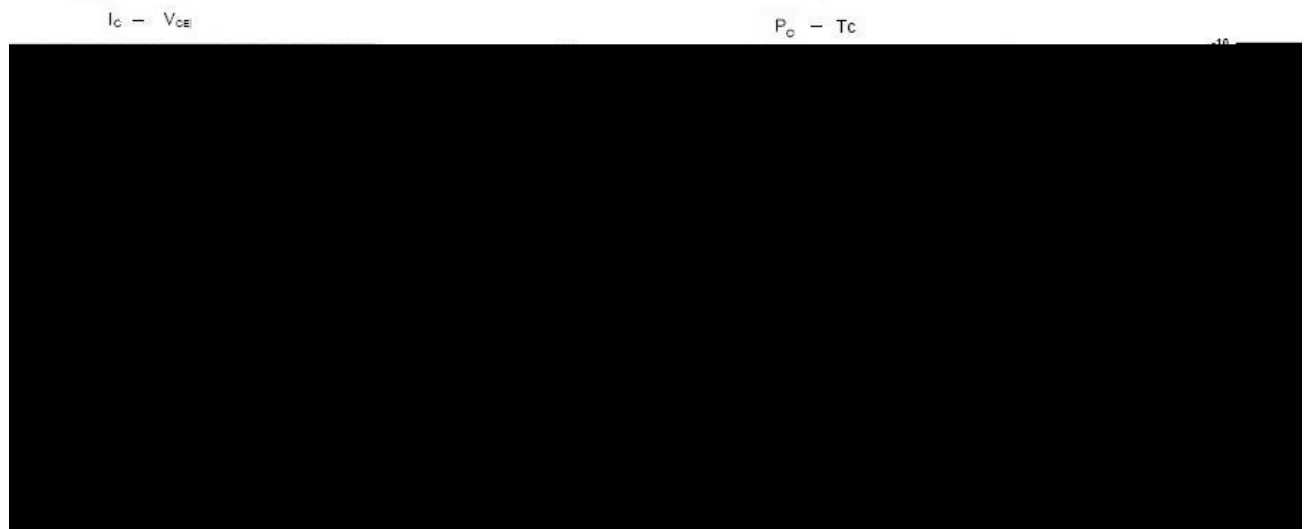
/ Equivalent Circuit**/ Pinning**

PIN1 Base PIN 2,4 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

See Marking Instructions.

/ Electrical Characteristic Curve



Technical drawing of a mechanical assembly, likely a pump or motor component, showing a cross-section. The drawing includes several dimensions labeled with letters and numbers:

- A**: Dimension across the top right section.
- B**: Dimension across the middle right section.
- C**: Dimension across the bottom right section.
- D**: Dimension across the top left section.
- D1**: Dimension across the middle left section.
- L3**: Dimension across the bottom left section.
- L4**: Dimension across the bottom right section.

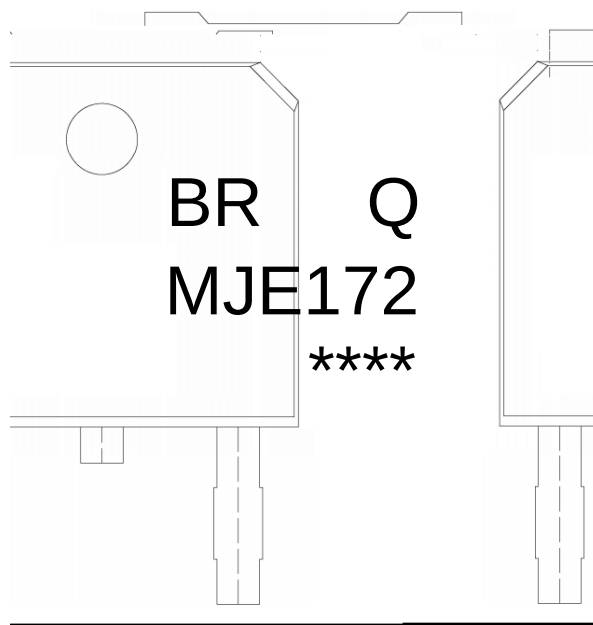
The drawing also shows various internal components, including a central shaft or rotor, and a housing or casing. The drawing is oriented horizontally, with the main assembly extending from left to right.

单位: mm

Figure 1 consists of three vertically stacked panels. The top panel shows the transmission function T as a function of redshift z from 0 to 10. A solid line represents the mean transmission, which starts at $T \approx 0.8$ at $z=0$ and decreases to $T \approx 0.2$ at $z=10$. Shaded regions around the mean line indicate the 1-sigma and 2-sigma confidence intervals. The middle panel shows the transmission function T as a function of redshift z for different values of the Ly-alpha forest transmission function T at $z=0$. The bottom panel shows the transmission function T as a function of redshift z for different values of the Ly-alpha forest transmission function T at $z=0$. The x-axis for all panels is redshift z , ranging from 0 to 10. The y-axis for the top panel is T , ranging from 0 to 1. The y-axis for the middle panel is T , ranging from 0 to 1. The y-axis for the bottom panel is T , ranging from 0 to 1.

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