

/ Descriptions

TO-220 NPN Silicon NPN transistor in a TO-220 Plastic Package.

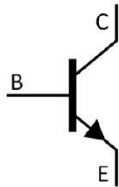
/ Features

$V_{CE(sat)}$, h_{FE}
Low saturation voltage, excellent h_{FE} linearity and high h_{FE} .

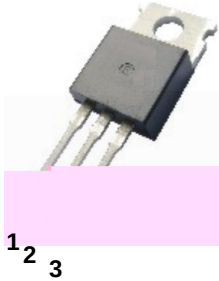
/ Applications

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

/ Equivalent Circuit



/ Pinning



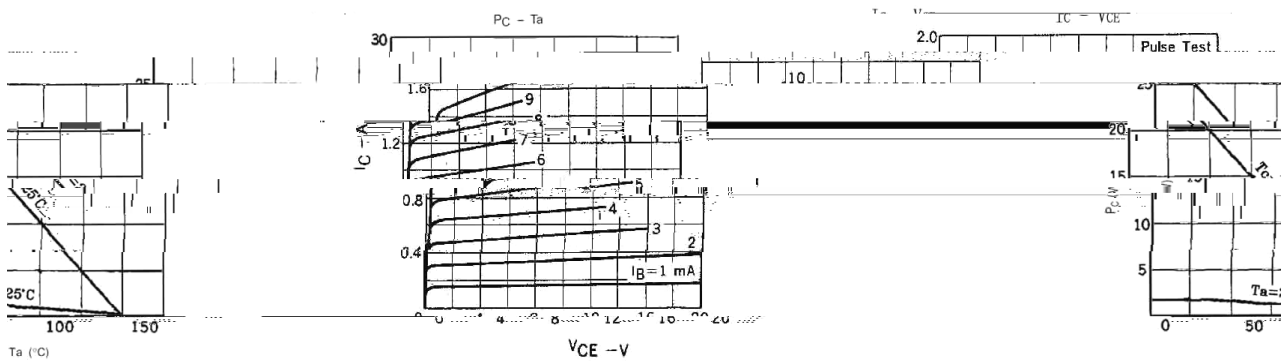
PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

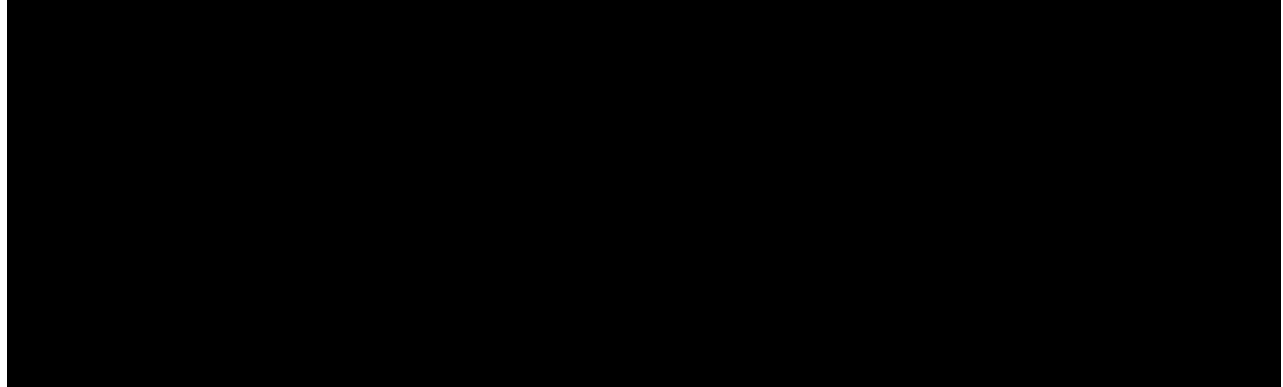
h_{FE} Classifications Symbol	R	Q	P	E
h_{FE} Range	60 120	100 200	160 320	200 400

Parameter	Symbol
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/ Electrical Characteristic Curve



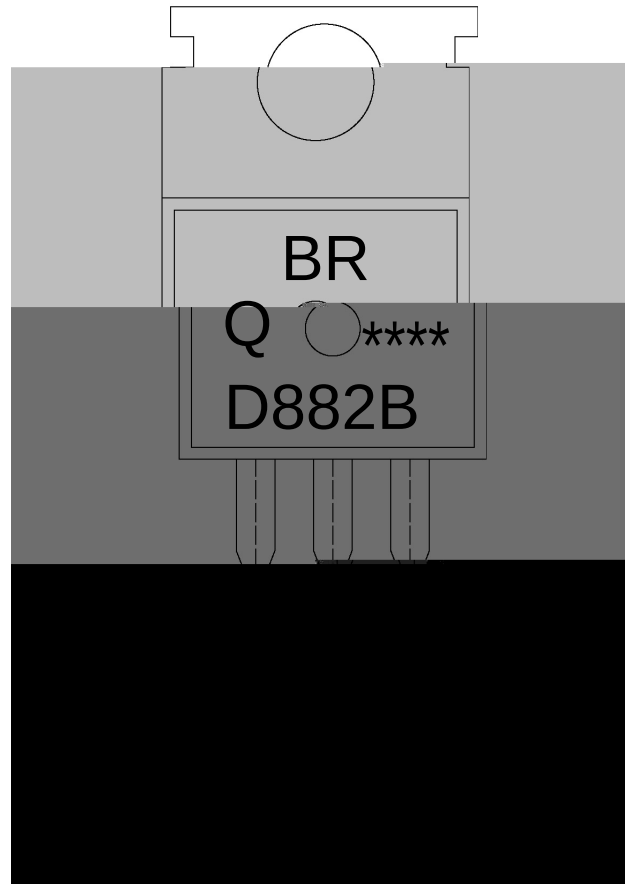
$V_{CE(sat)} - I_C$ $h_{FE} - I_C$ $V_{BE} - I_C$
 $V_{CE(sat)} - I_C$ $h_{FE} - I_C$ $V_{BE} - I_C$



/ Package Dimensions



/ Marking Instructions



BR

D882B

Q: h_{FE}

Note:

BR: Company Code

D882B: Product Type.

Q: h_{FE} Classifications Symbol

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

