

**/ Descriptions**

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

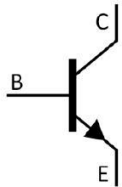
**/ Features**

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

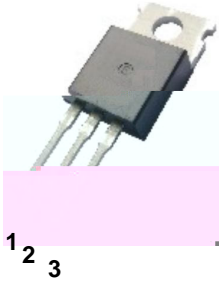
**/ Applications**

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

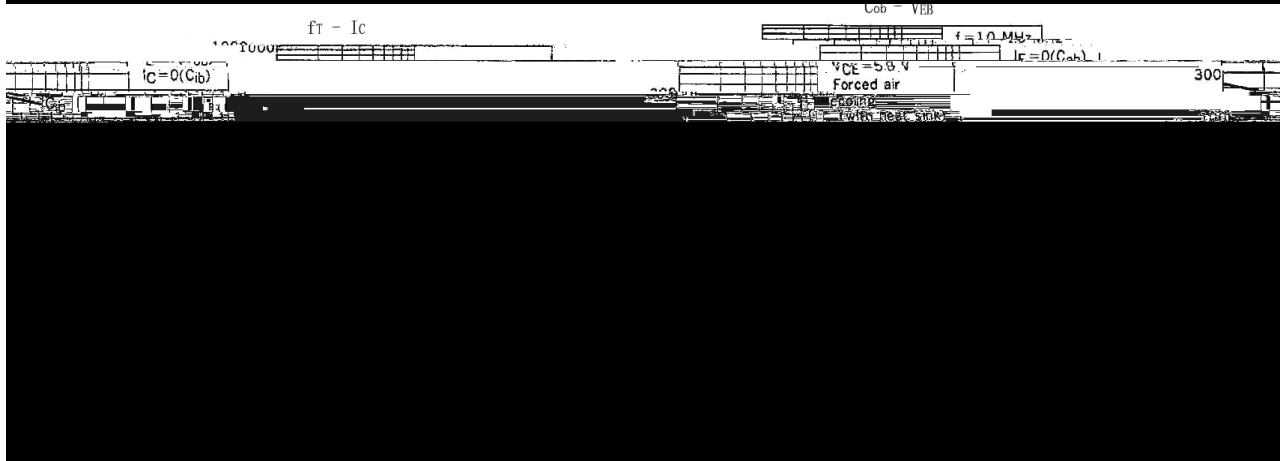
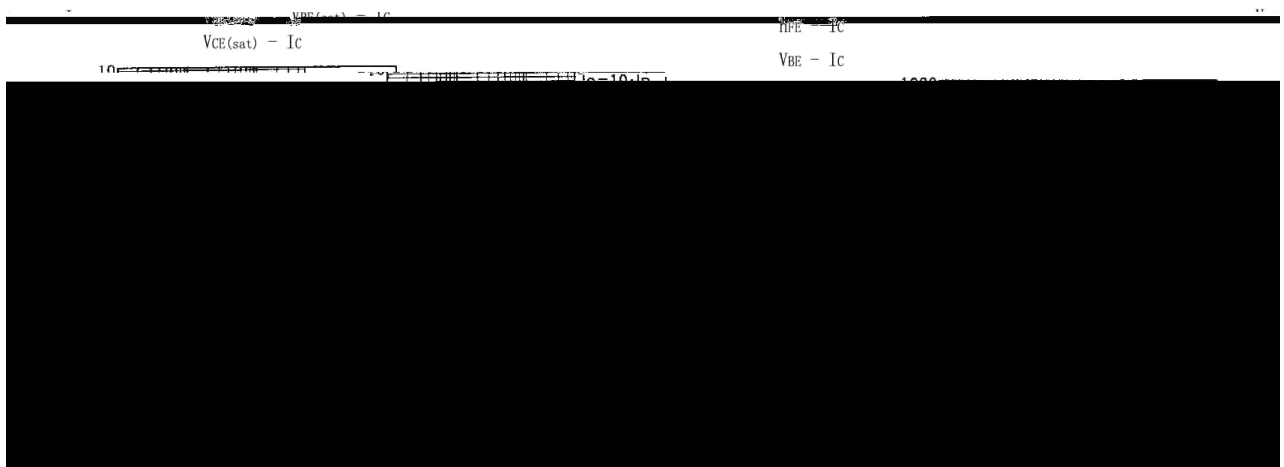
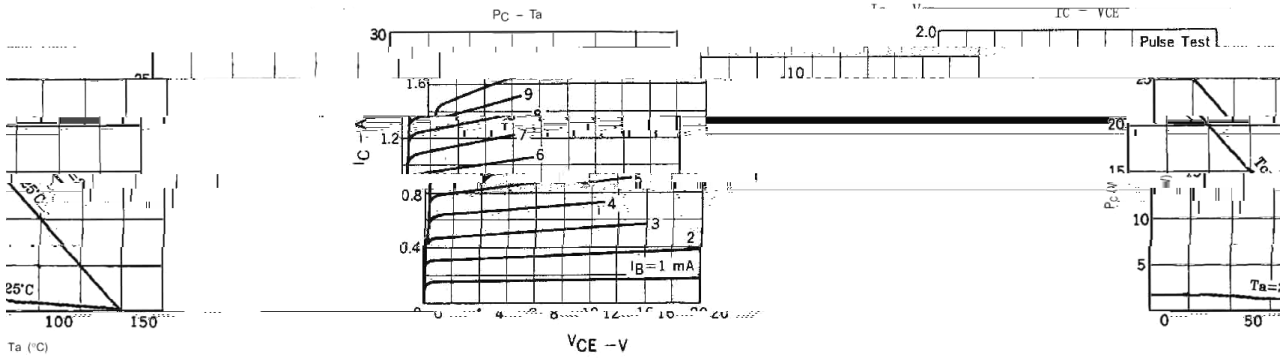
**/  $h_{FE}$  Classifications & Marking**

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

Parameter

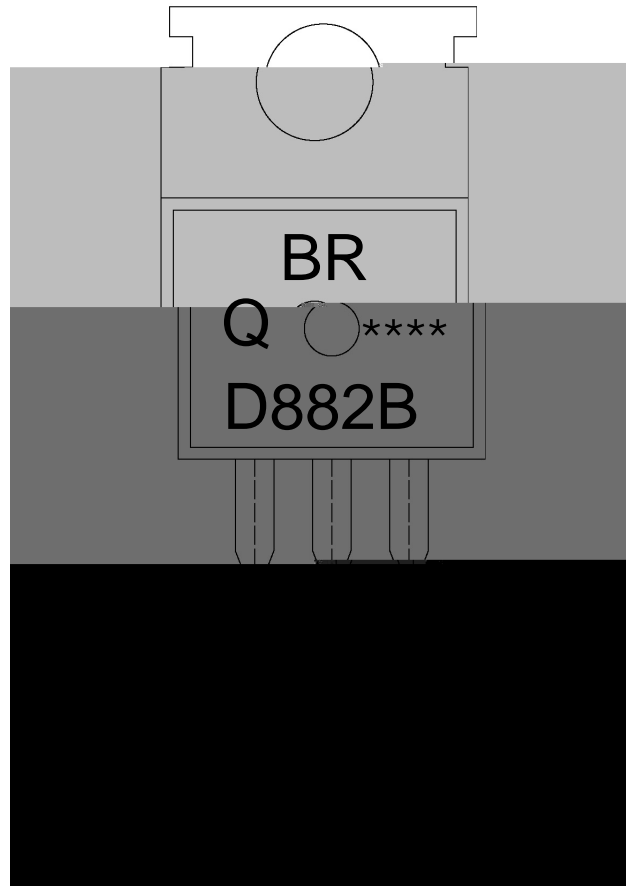
Symbol

/ Electrical Characteristic Curve





/ 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.

