/ Descriptions

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

/ Features

$V_{CE(sat)}$,h_{FE}

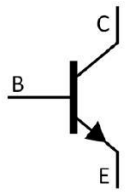
Low saturation voltage, excellent h_{FE} linearity and high h_{FE}.

/ Applications

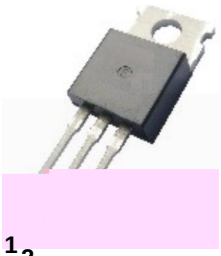
3 , ,

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

/ Equivalent Circuit



/ Pinning



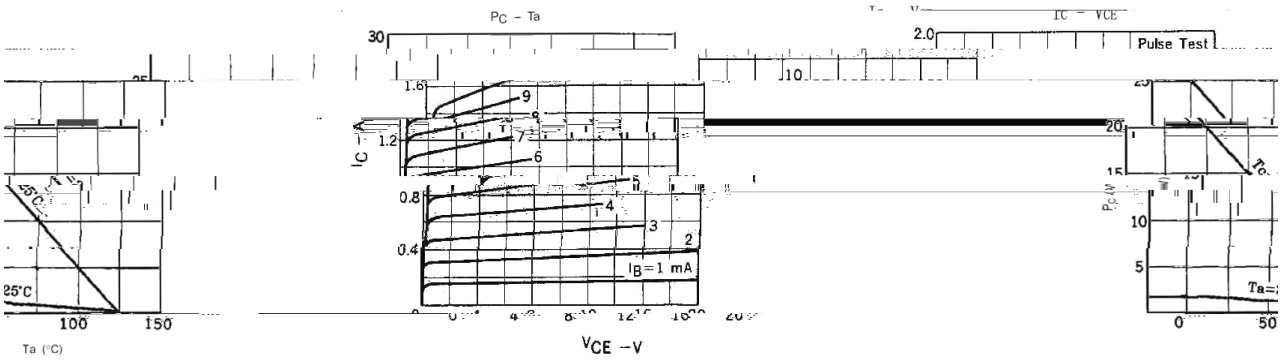
PIN1 Base PIN 2 Collector PIN 3 Emitter

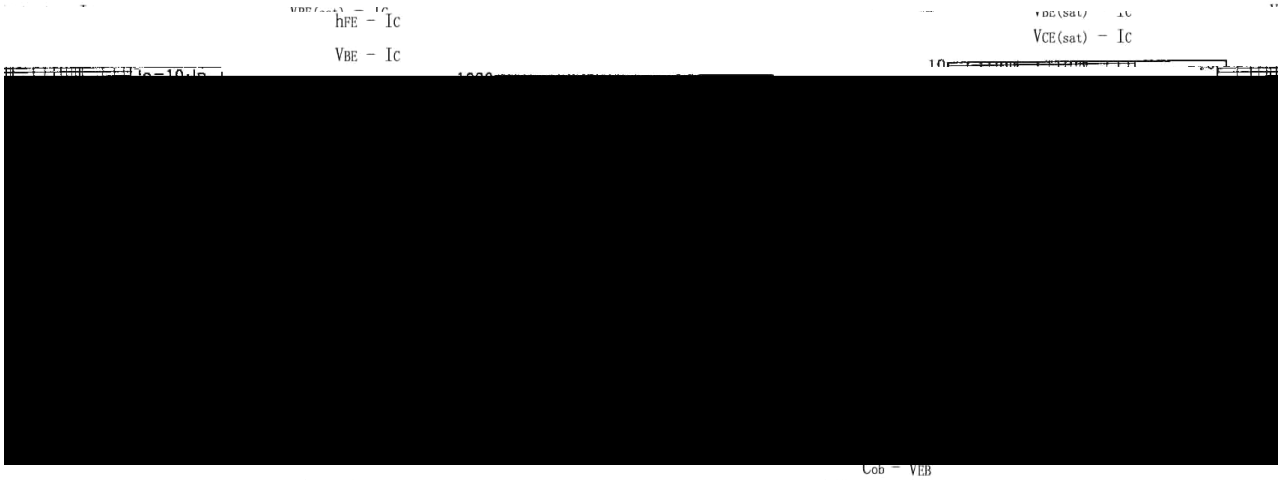
/ h_{FE} Classifications & Marking

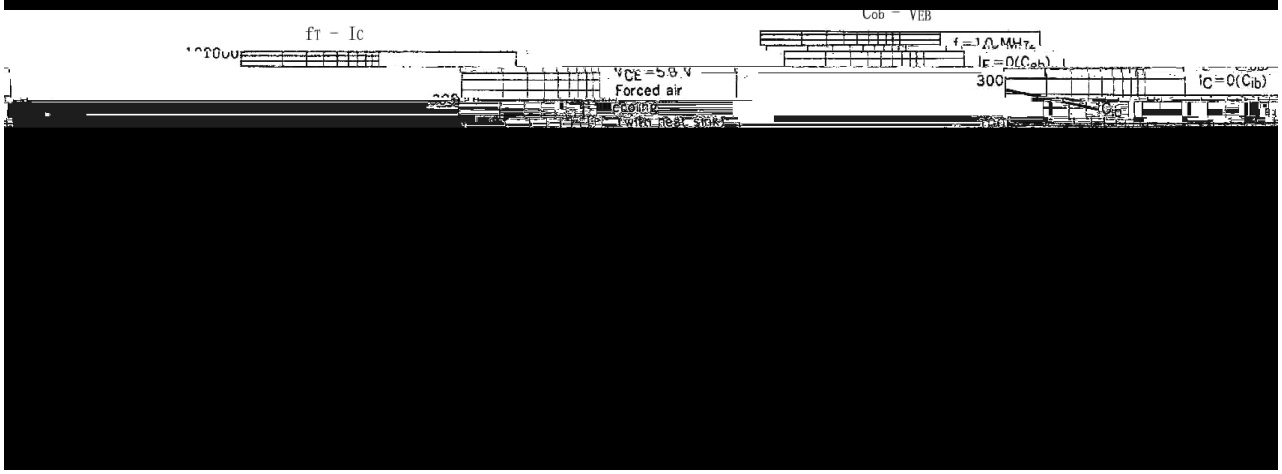
h_{FE} Classifications Symbol	R	Q	P	E
h_{FE} Range	60 120	100 200	160 320	200 400

Parameter	Symbol

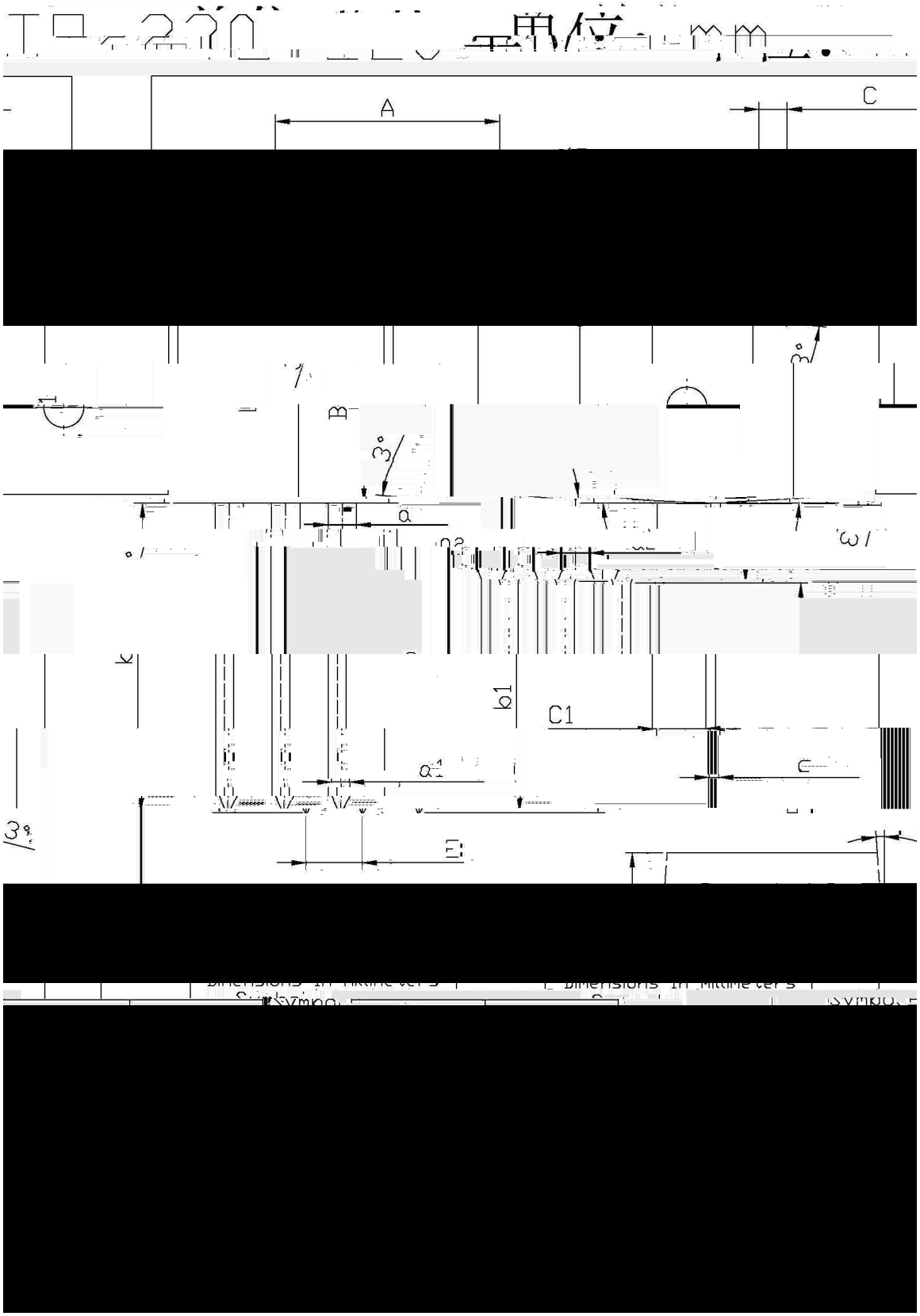
/ Electrical Characteristic Curve



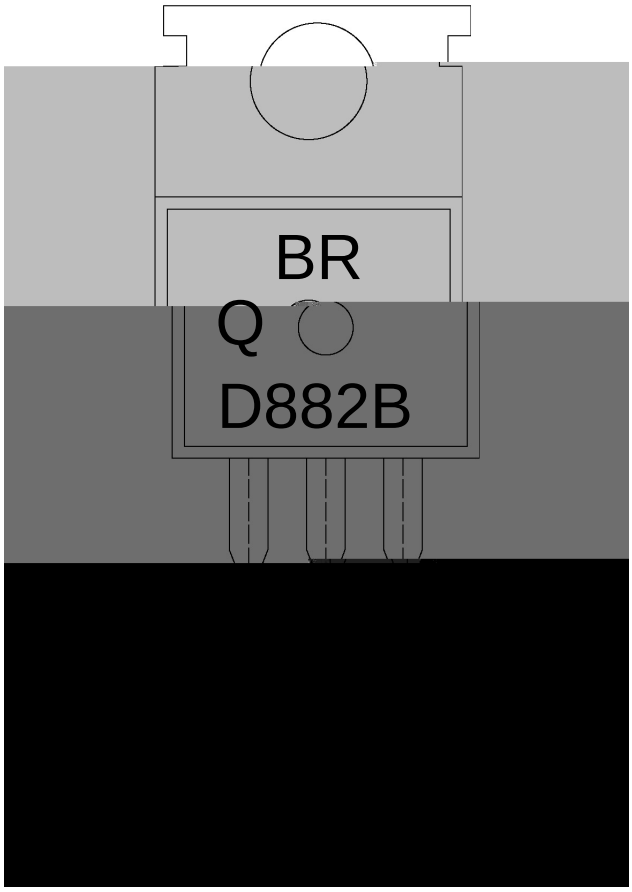




/ Package Dimensions



/ 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.