/ Descriptions

TO-92 NPN Silicon NPN transistor in a TO-92 Plastic Package.

/ Features

PC, IC , 8550

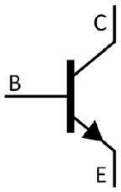
High PC and IC, complementary pair with 8550.HF Product.

/ Applications

2W

2W output amplifier of portable radios in class B push-pull operation.

/ Equivalent Circuit



/ Pinning



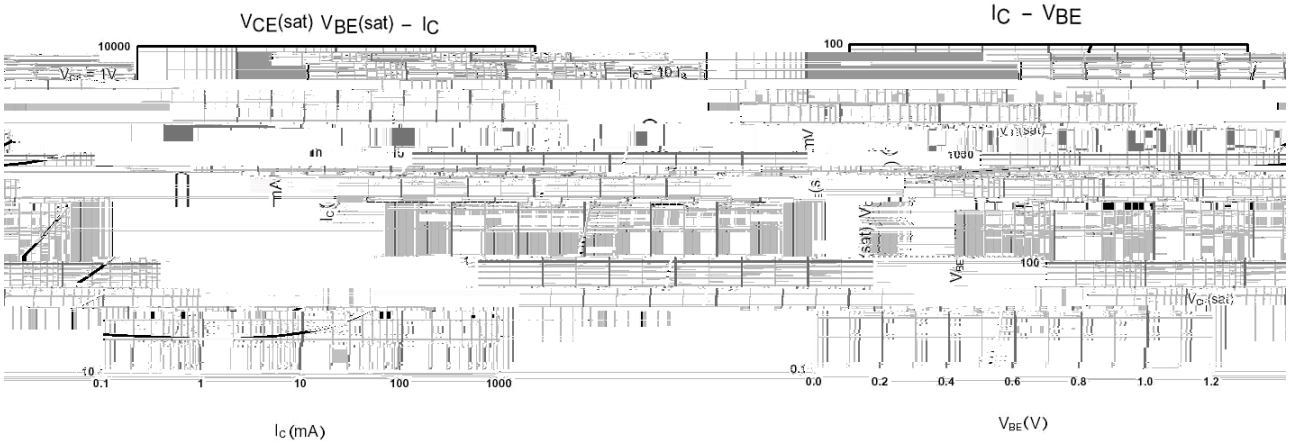
PIN1 Collector PIN 2 Base PIN 3 Emitter

/ h_{FE} Classifications & Marking

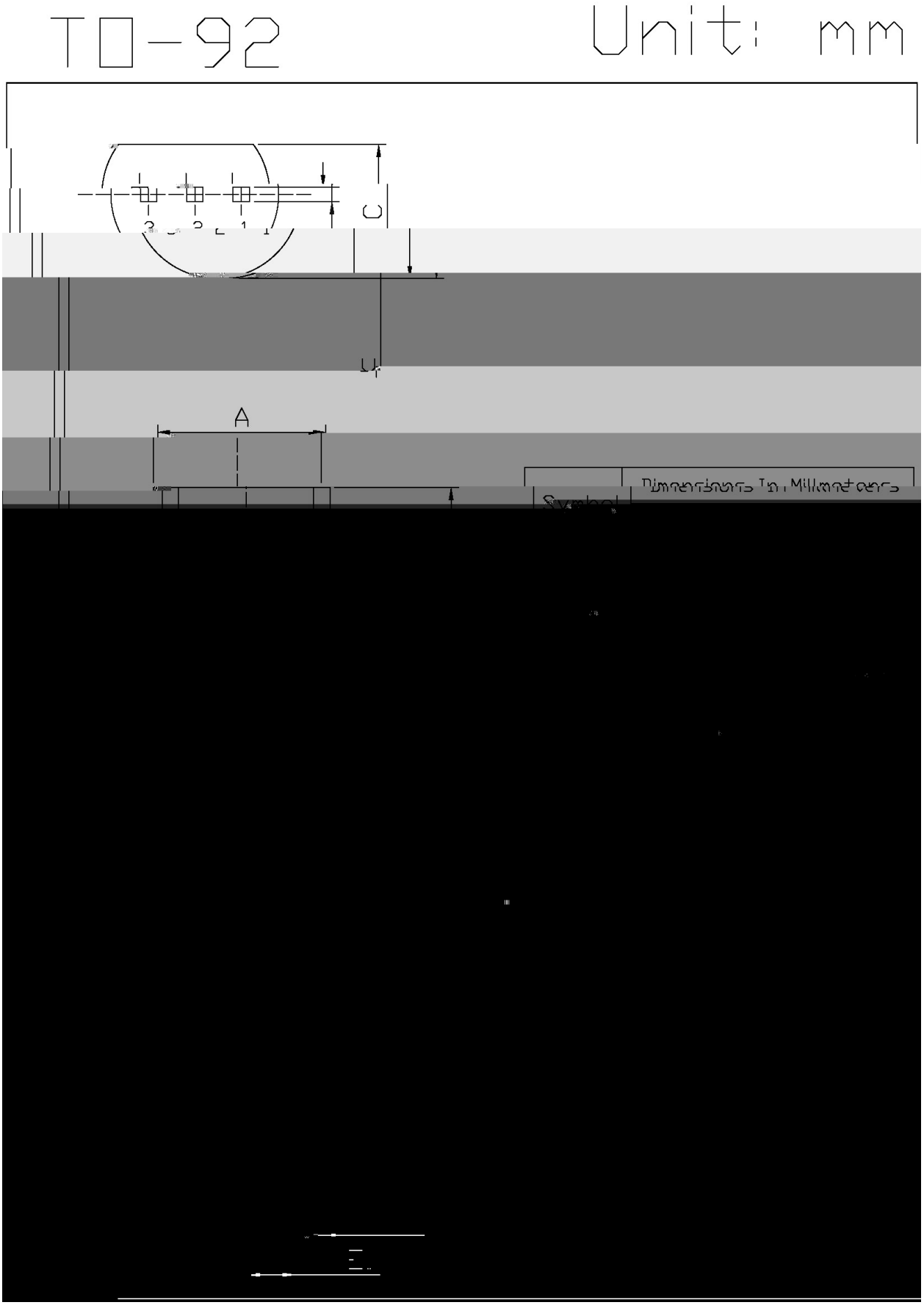
h_{FE} Classifications Symbol	B	C	D
h_{FE} Range	85~160	120~200	160~300

/ Electrical Characteristic Curve

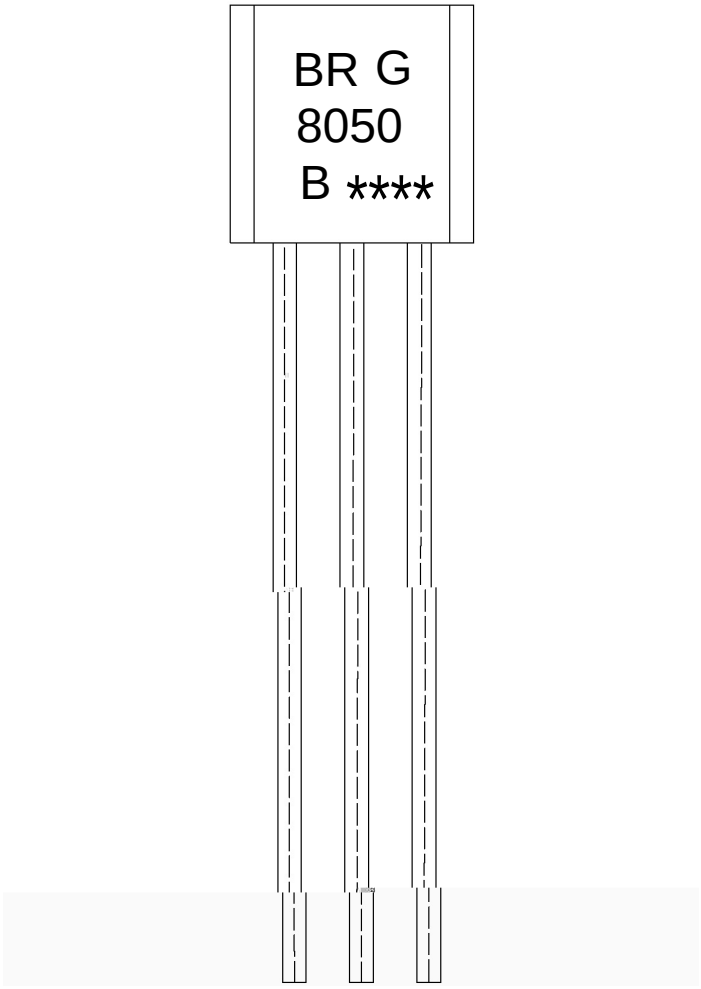




/ Package Dimensions



/ Marking Instructions



BR

G:

8050

B: h_{FE}

****

Note:

BR: Company Code.

G: Halogen Free Product

8050: Product Type.

B: h_{FE} Classifications Symbol.

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

( ) / Temperature Profile for Dip Soldering(Pb-Free)



						Note:	
1		25	150		60 90sec;	1.Preheating:25~150 , Time:60~90sec.	
2		255±5			5±0.5sec;	2.Peak Temp.:255±5 , Duration:5±0.5sec.	
3				2 10	/sec.	3. Cooling Speed: 2~10 /sec.	

/ Resistance to Soldering Heat Test Conditions

270±5	10±1 sec.	Temp.:270±5