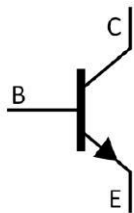


Silicon NPN transistor in a TO-92 Plastic Package.

High P_C and I_C , complementary pair with 8550.

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

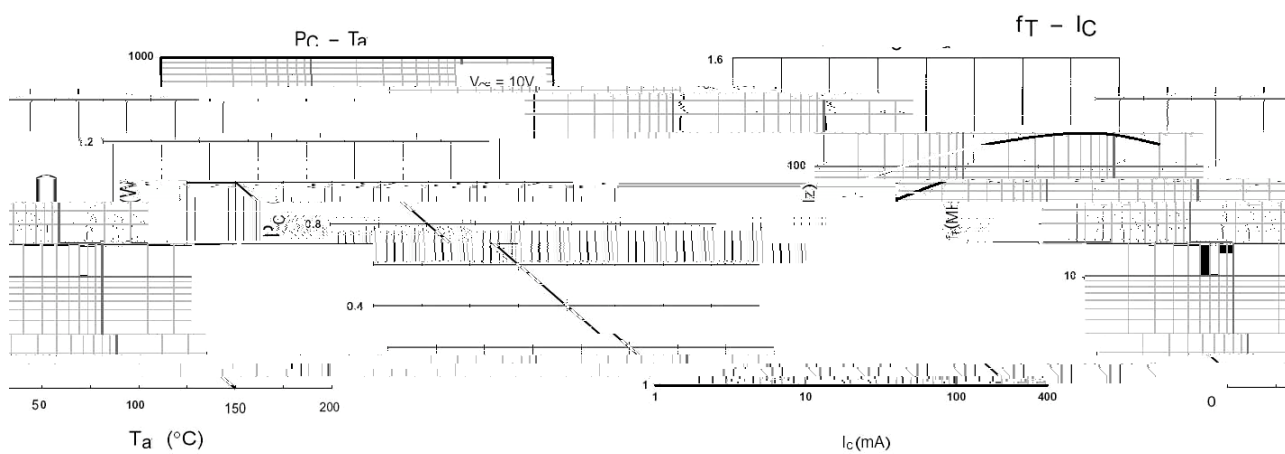
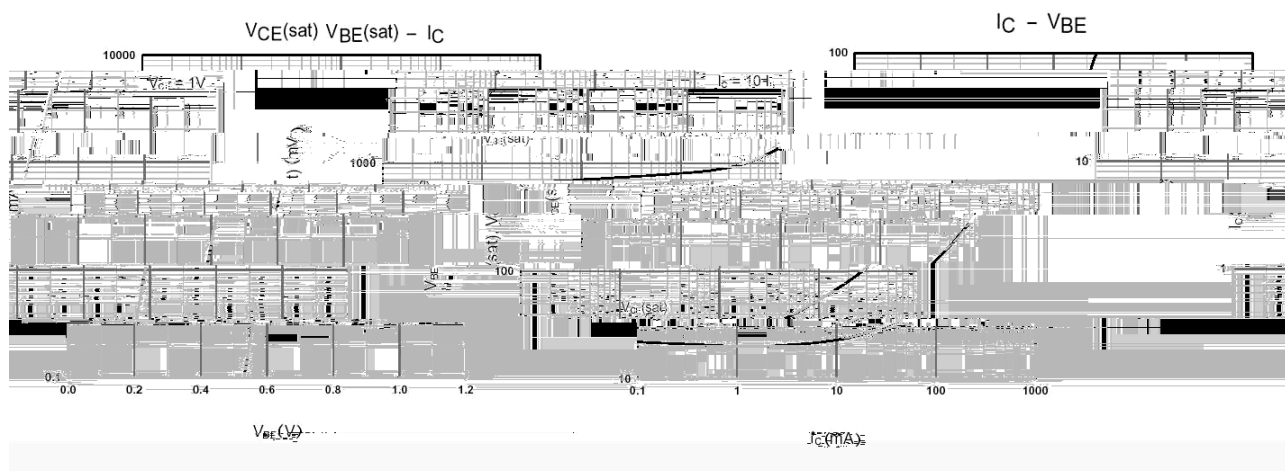
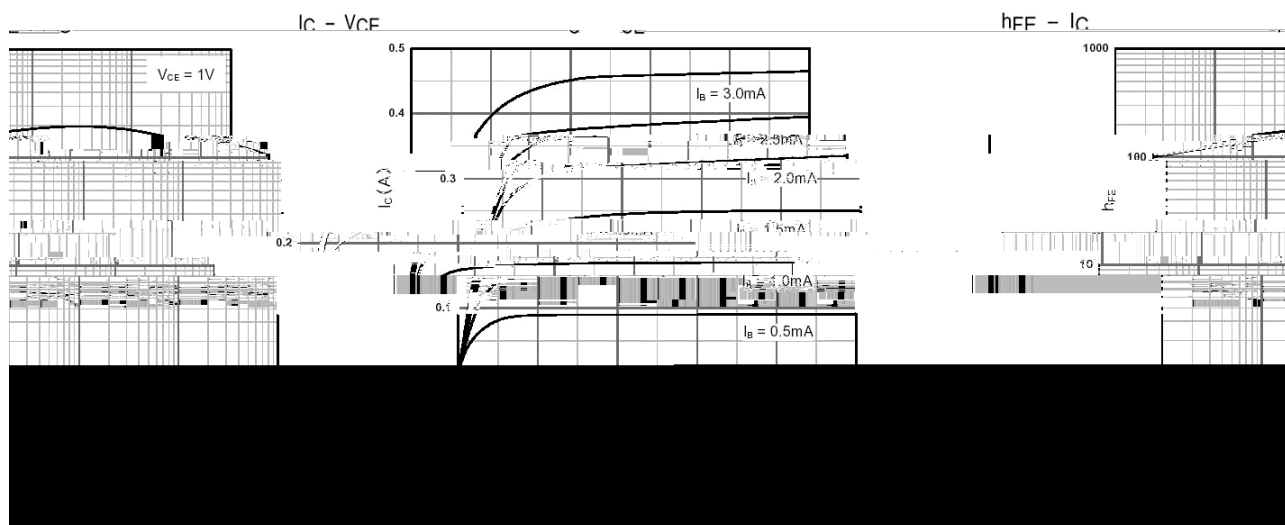


PIN1 Collector PIN 2 Base PIN 3 Emitter

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

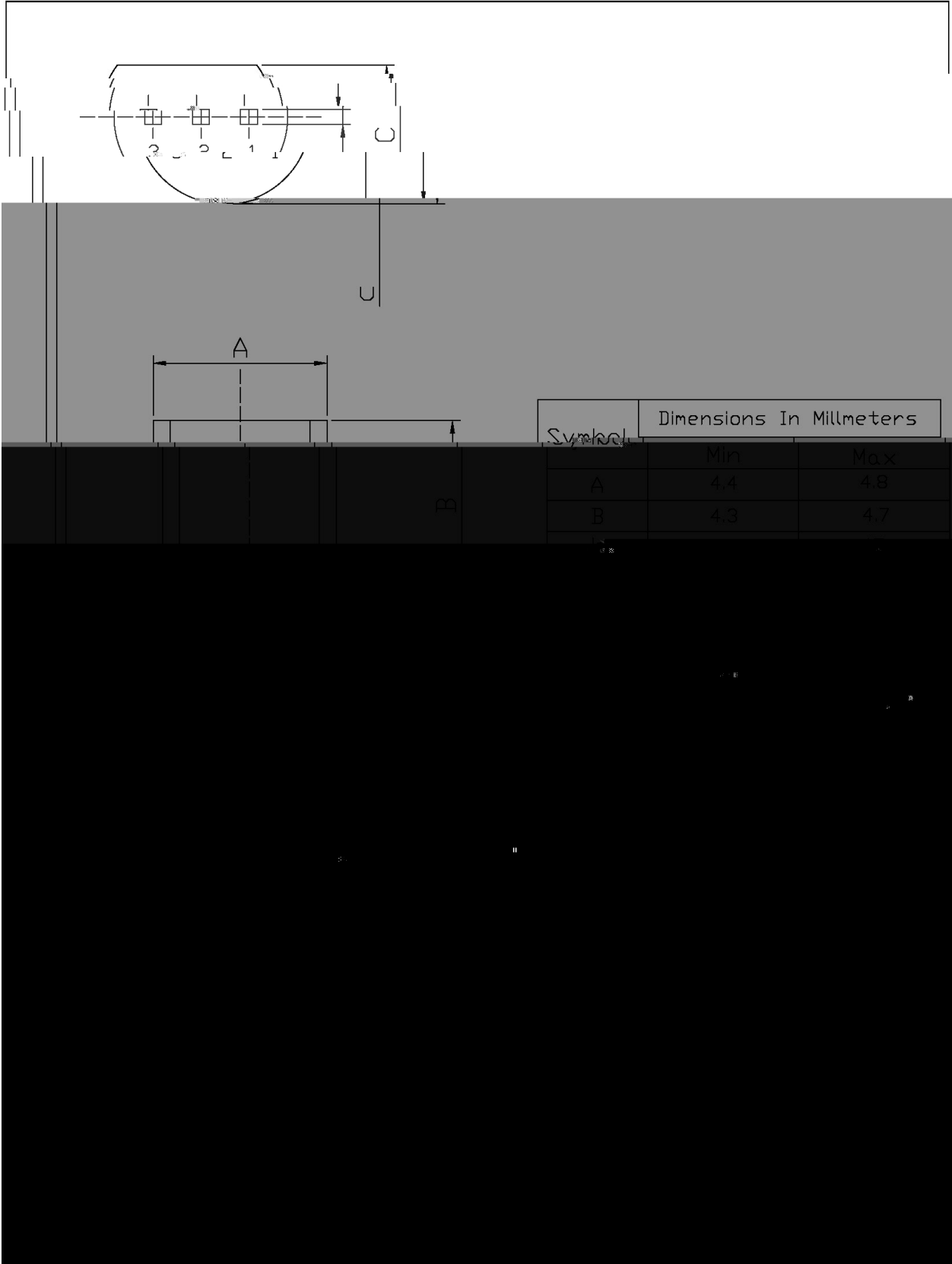
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	40	V
Collector to Emitter Voltage	V_{CEO}	25	V
Emitter to Base Voltage	V_{EBO}	6	V
Collector Current - Continuous	I_C	1.5	A
Base Current	I_B	0.5	A
Collector Power Dissipation	P_C	1.0	W
Junction Temperature	T_j	150	°C
Storage Temperature Range	T_{stg}	-55 150	°C

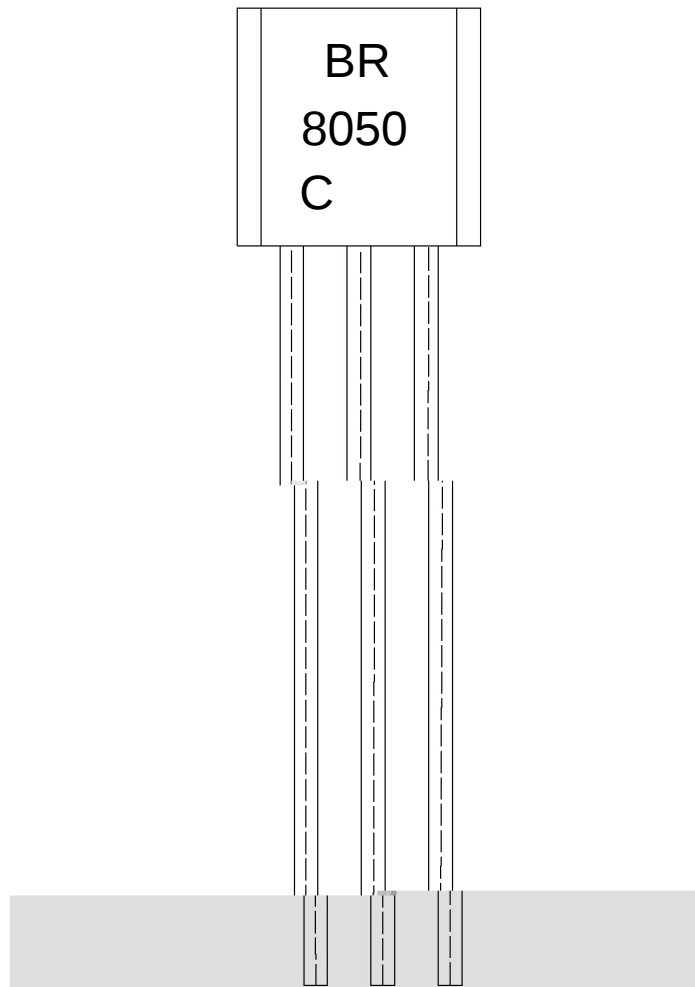
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Base Breakdown Voltage	V_{CBO}	$I_C=0.1mA$ $I_E=0$	40			V
Collector to Emitter Breakdown Voltage	V_{CEO}	$I_C=2.0mA$ $I_B=0$	25			V
Emitter to Base Breakdown Voltage	V_{EBO}	$I_E=0.1mA$ $I_C=0$				



T0-92

Unit: mm





h_{FE}

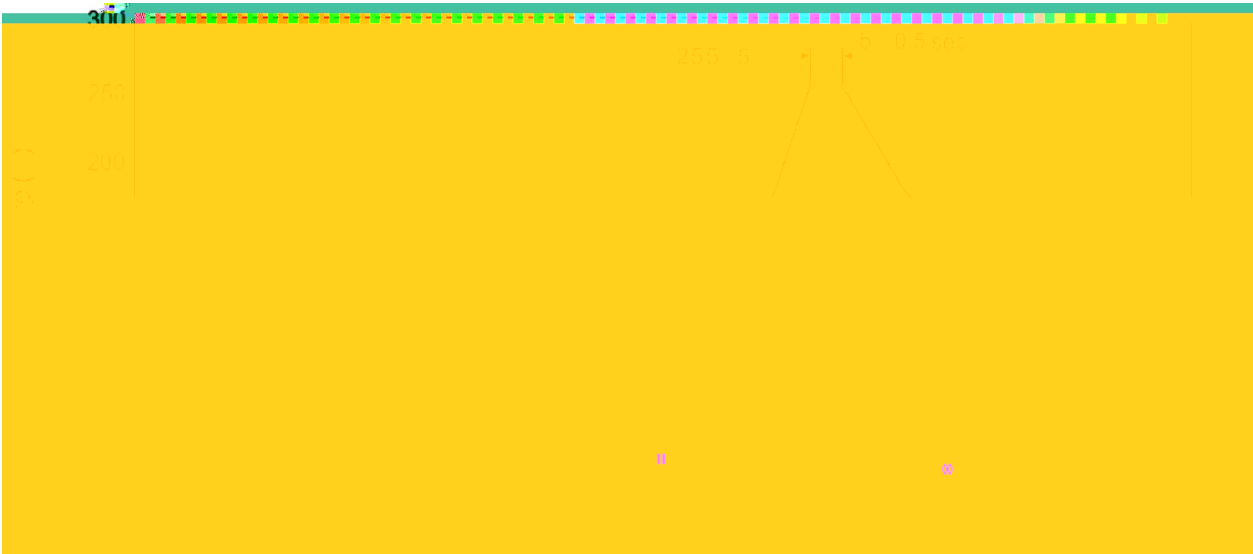
Note:

BR: Company Code.

8050: Product Type.

C: h_{FE} Classifications Symbol.

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



- | | | | | | | |
|---|-----|-----|----|---------|---|--------------------------------------|
| 1 | 25 | 150 | 60 | 90sec; | Note: | 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. | |

270 5	10 1 sec.	Temp.:270±5℃	Time:10±1 sec
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/ BULK

Package Type1 -2.3371.C. 