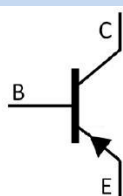


Silicon PNP transistor in a TO-92 Plastic Package.

High P_C and I_C , complementary pair with L8050.

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

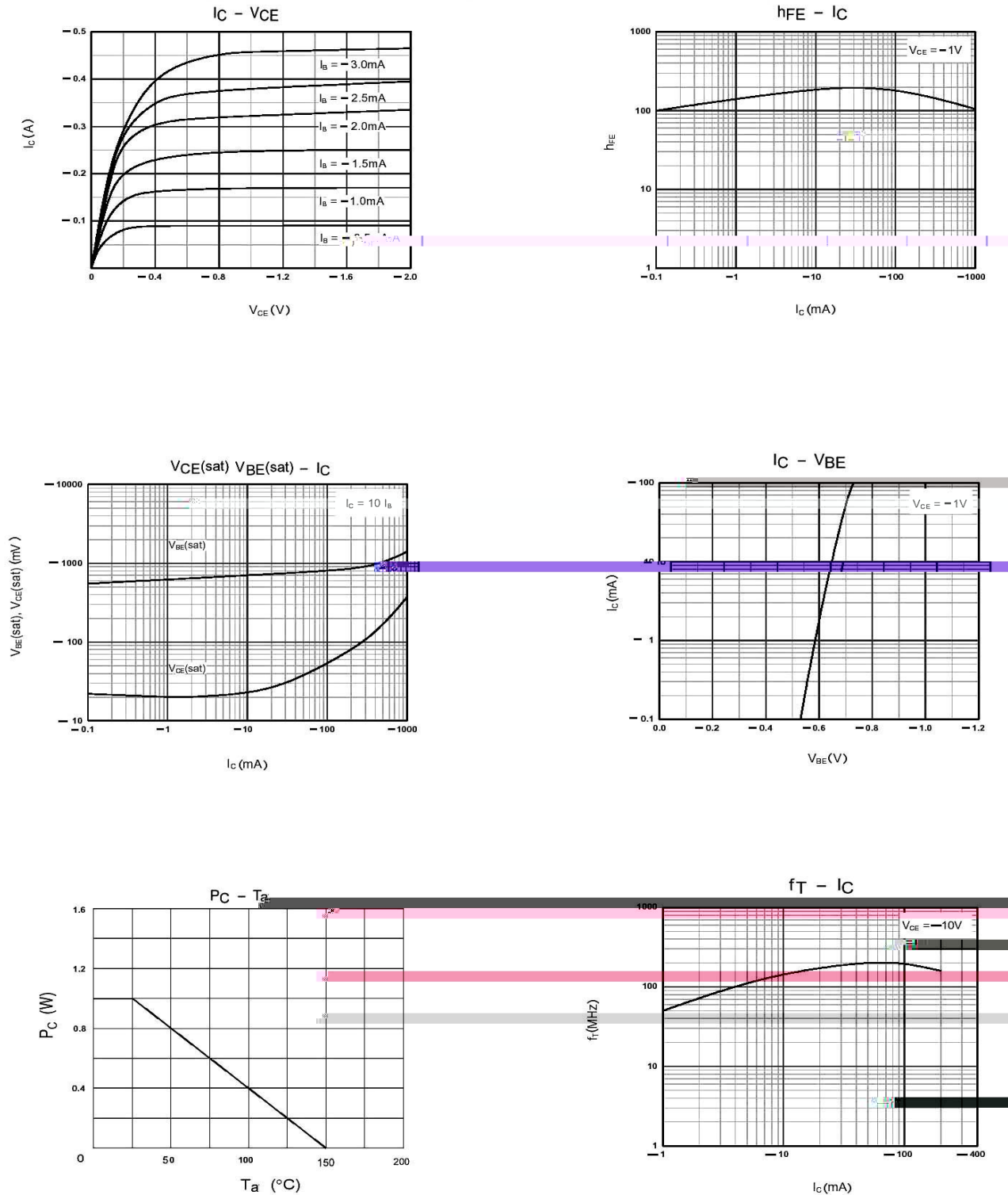


PIN1 Collector PIN 2 Base PIN 3 Emitter

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

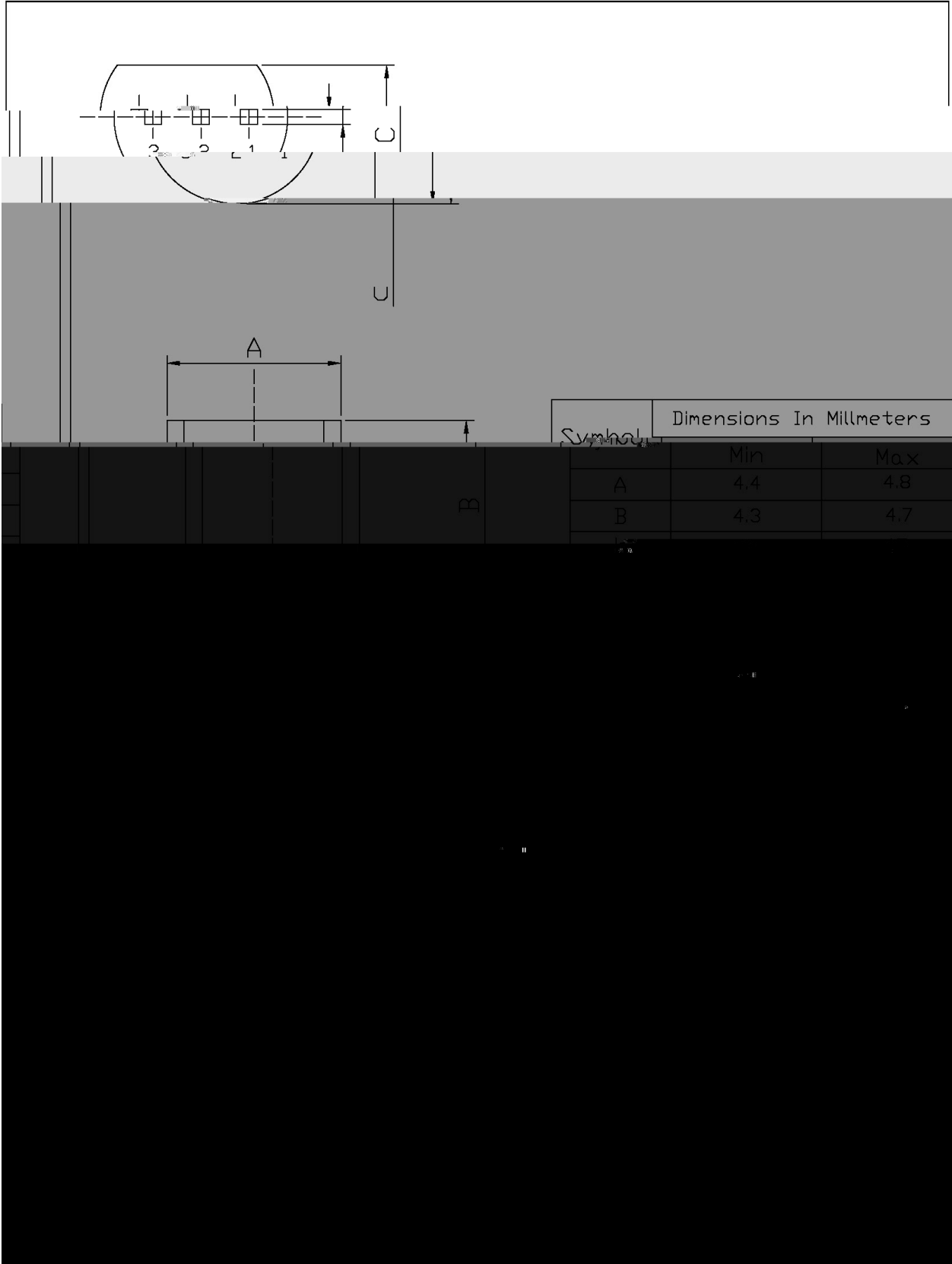
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-30	V
Collector to Emitter Voltage	V_{CEO}	-20	V
Emitter to Base Voltage	V_{EBO}	-6.0	V
Collector Current - Continuous	I_C	-1.5	A
Base Current - Continuous	I_B	-0.5	A
Collector Power Dissipation	P_C	1.0	W
Junction Temperature	T_J	150	°C
Storage Temperature Range	T_{stg}	-55 150	°C

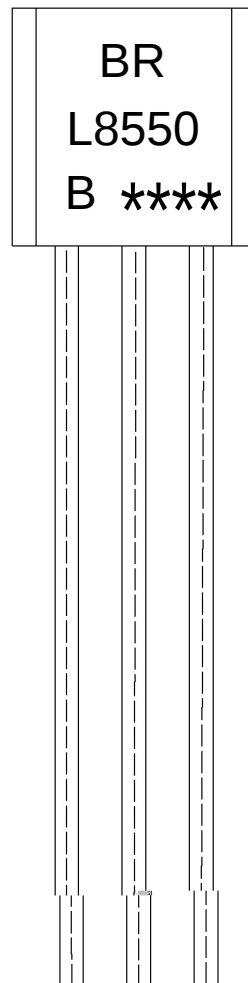
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Base Breakdown Voltage	V_{CBO}	$I_C = -0.1mA$ $I_E = 0$	-30			V
Collector to Emitter Breakdown Voltage	V_{CEO}	$I_C = -2.0mA$ $I_B = 0$	-20			V
Emitter to Base Breakdown Voltage	V_{EBO}	$I_E = -0.1mA$ $I_C = 0$	-6.0			V
Collector Cut-Off Current	I_{CBO}	$V_{CB} = -30V$ $I_E = 0$			-0.1	A
Emitter Cut-Off Current	I_{EBO}	$V_{EB} = -6.0V$ $I_C = 0$			-0.1	A
DC Current Gain	$h_{FE(1)}$	$V_{CE} = -1.0V$ $I_C = -100mA$	85		300	
	$h_{FE(2)}$	$V_{CE} = -1.0V$ $I_C = -800mA$	40			
	$h_{FE(3)}$	$V_{CE} = -1.0V$ $I_C = -5.0mA$	45			
Collector to Emitter Saturation Voltage	$V_{CE(sat)}$	$I_C = -800mA$ $I_B = -80mA$		-0.28	-0.5	V
Base to Emitter Saturation Voltage	$V_{BE(sat)}$	$I_C = -800mA$ $I_B = -80mA$		-0.98	-1.2	V
Base to Emitter Voltage	V_{BE}	$V_{CE} = -1.0V$ $I_C = -10mA$		-0.66	-1.0	V
Transition Frequency	f_T	$V_{CE} = -10V$ $I_C = -50mA$	100	200		MHz
Collector Output Capacitance	C_{ob}	$V_{CB} = -10V$ $f = 1.0MHz$ $I_E = 0$		15		pF



T0-92

Unit: mm





h_{FE}

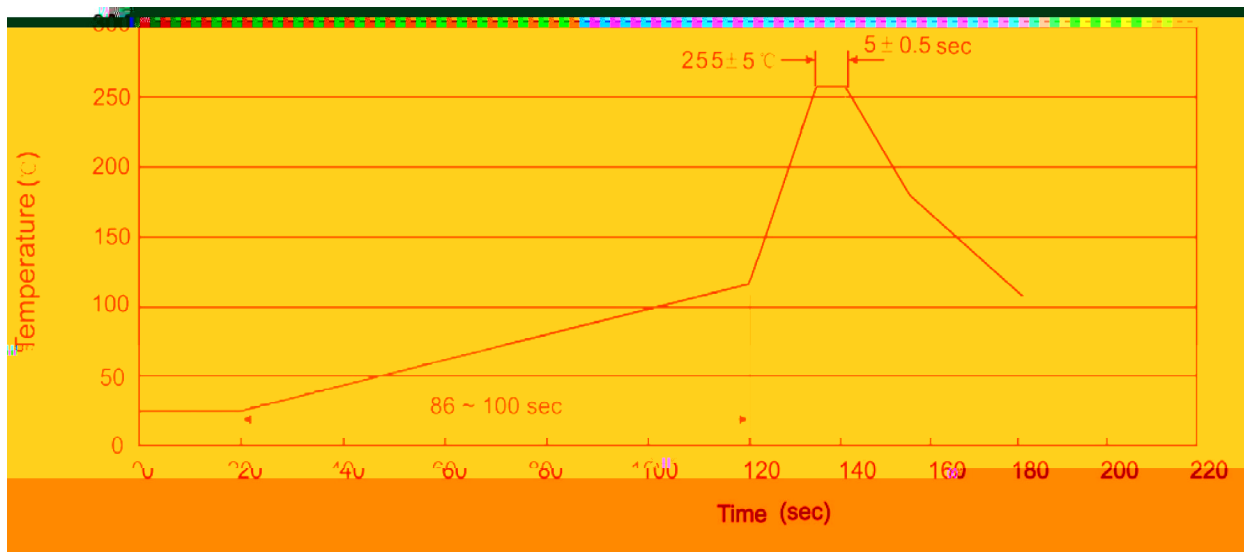
Note:

BR: Company Code.

L8550: Product Type.

B: h_{FE} Classifications Symbol.

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



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. |

270	5	10	1 sec.	Temp.:270±5℃	Time:10±1 sec
-----	---	----	--------	--------------	---------------

/ BULK

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm3)		
	Units/Bag 只/袋	Bags/Inner Box 袋/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Bag 袋	Inner Box 盒	Outer Box 箱
TO-92	1,000	10	10,000	5	50,000	135×190	237×172×102	560×245×195
	1,000	10	10,000	10	100,000	135×190	237×172×102	560×245×375

/ AMMO

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm3)	
	Units/tape 只/纸带	Tape/Inner Box 纸带/盒	Rows/Inner Box 纸带层/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Inner Box 盒	Outer Box 箱
TO-92	3,000	1	120	10	30,000	328×230×42	小箱 480×346×235, 大箱 547×407×268