/ Descriptions

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

/ Features

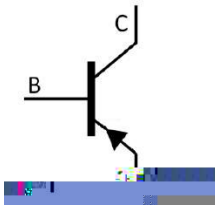
PC, IC , S8050A

High P_C and I_C, complementary pair with S8050A.

/ Applications

Amplifier of portable radios in class B push-pull operation.

/ Equivalent Circuit



/ Pinning



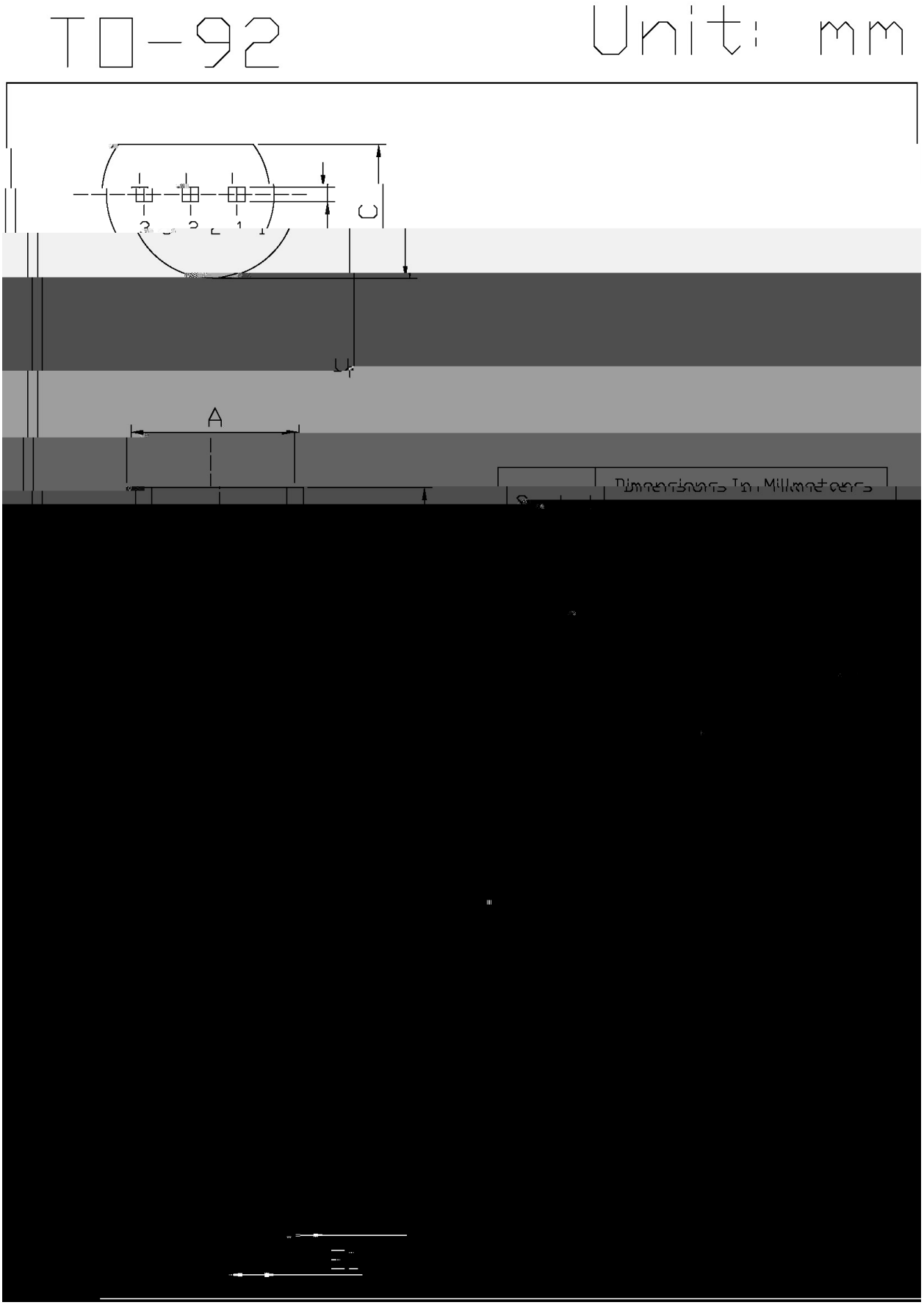
PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

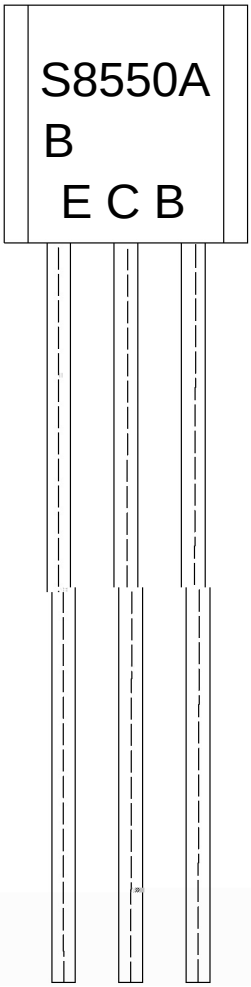
h_{FE} Classifications Symbol	B	C	D
h_{FE} Range	85~160	120~200	160~300

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}	-6.0	V
Collector Current - Continuous	I_C	-800	mA
Base Current - Continuous	I_B	-200	mA

/ Package Dimensions



/ Marking Instructions



S8550A

B: h_{FE}

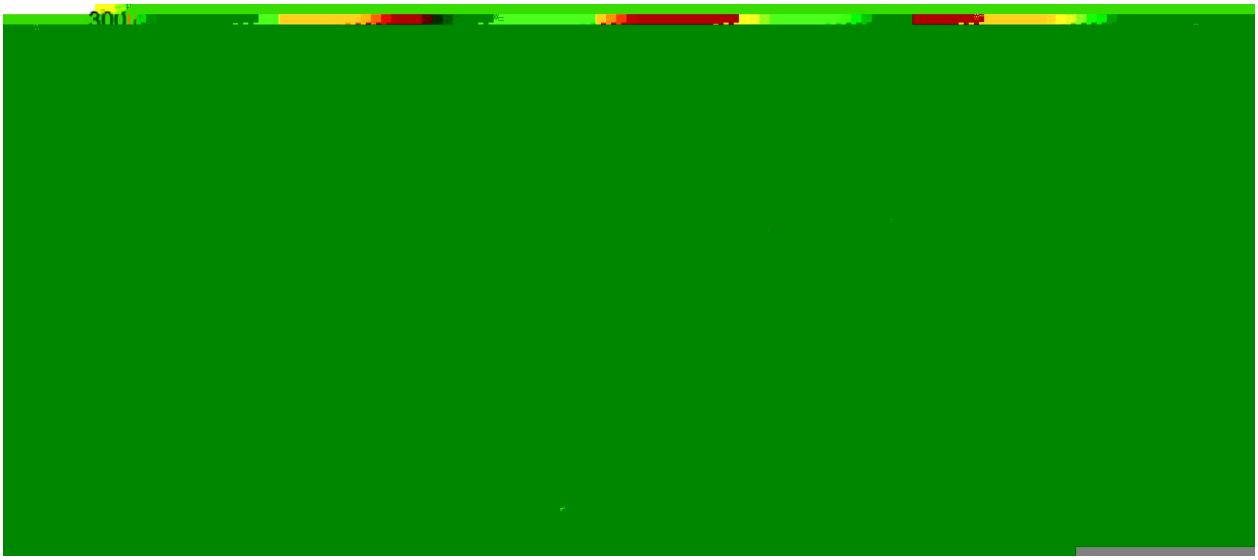
****

ECB

Note:

S8550A:	Product Type.
B:	h_{FE} Classifications Symbol.
****:	Lot No. Code, code change with Lot No.
ECB	PIN Code

( ) / 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