

**/ 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**



1 2 3  
PIN1 Base          PIN 2 Collector          PIN 3 Emitter

**/  $h_{FE}$  Classifications & Marking**

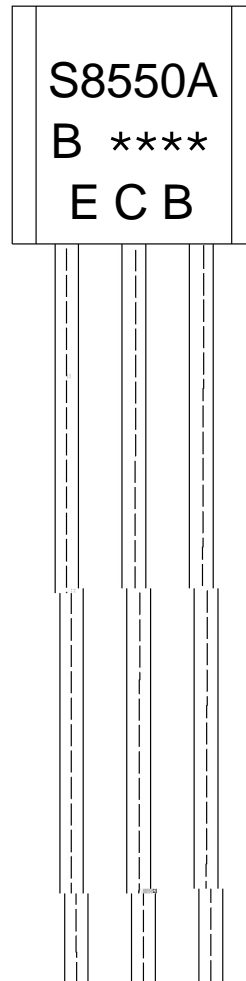
$h_{FE}$ Classifications Symbol	B	C	D
$h_{FE}$ Range	85~160	120~200	160~300

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

**S8550A**  
Rev.E Mar.-2016



/ Marking Instructions



S8550A

B:  $h_{FE}$

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ECB

Note:

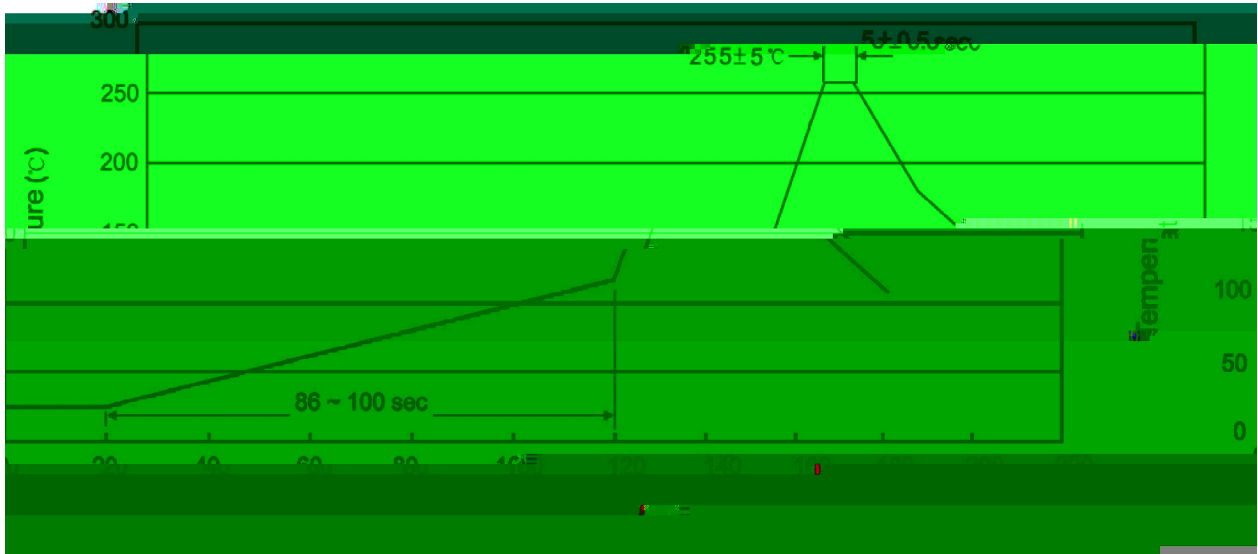
S8550A: Product Type.

B:  $h_{FE}$  Classifications Symbol.

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

ECB PIN Code

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



1	25	150	60	90sec;	Note:	1.Preheating:25~150 , Time:60~90sec.
2	255±5		5±0.5	sec;	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