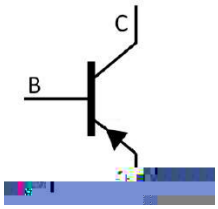
Silicon PNP transistor in a TO-92 Plastic Package.

High $P_C$ and $I_C$, excellent $h_{FE}$ linearity, complementary pair with S9013.

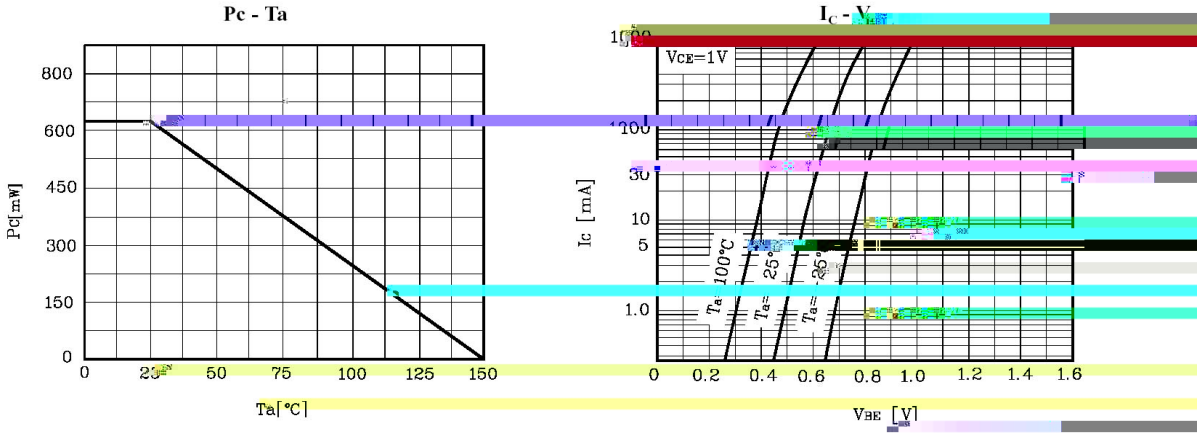
Amplifier of portable radios in class B push-pull operation.

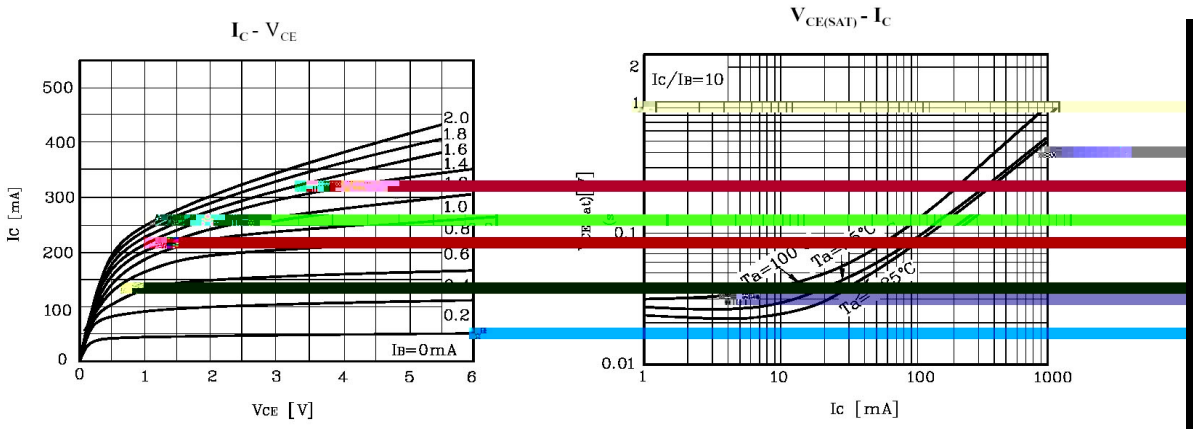


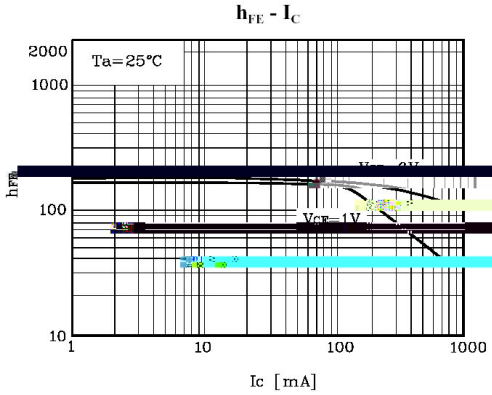



PIN1 Collector PIN 2 Base PIN 3 Emitter

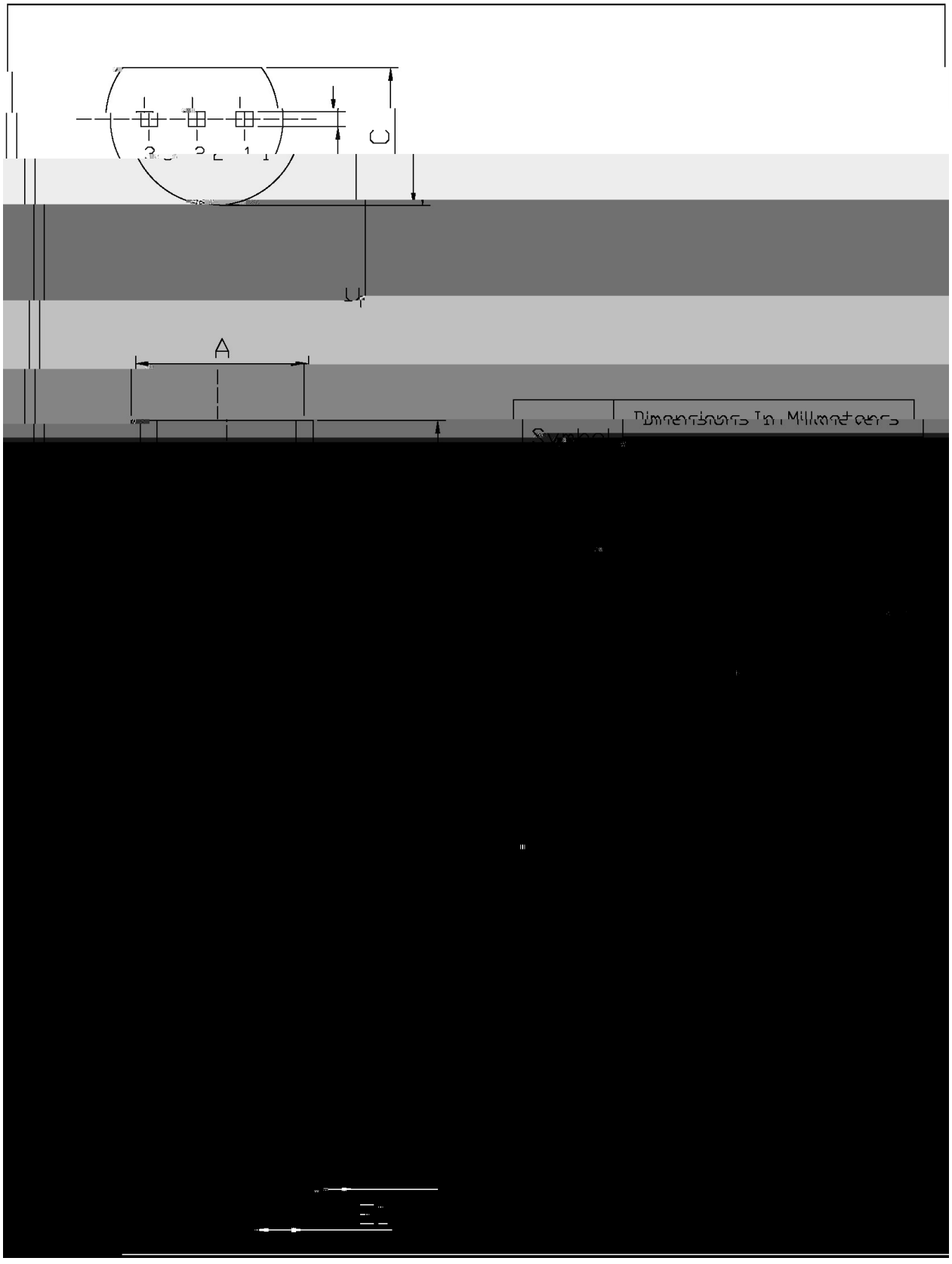
| $h_{FE}$ Classifications Symbol | D | E | F | G | H | I |
|---|---|---|---|---|---|---|
| $h_{FE}$ Range | 64~91 | 78~112 | 96~135 | 112~166 | 144~202 | 188~276 |

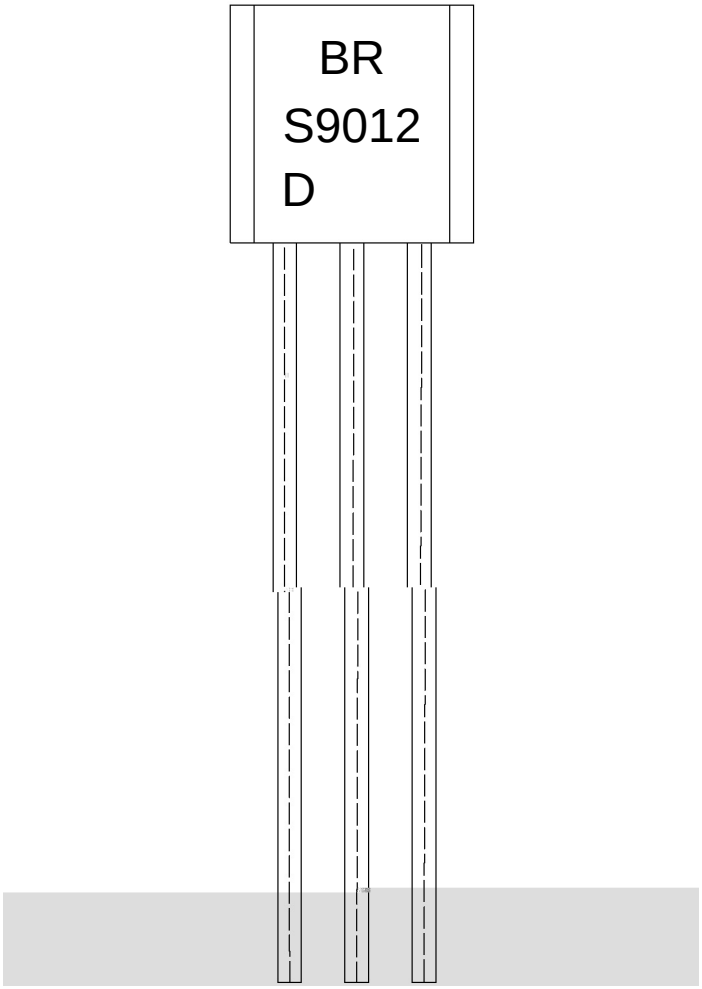

Pc - Ta
Pc[mW]
800
600
450
300
150
0
0
25
50
75
100
125
150
Ta[℃]
VCE=1V
100
30
10
5
1.0
Ic [mA]
Ta=100℃
Ta=25℃
Ta=-25℃
0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
VBE [V]


IC - VCE
Ic [mA]
500
400
300
200
100
0
2.0
1.8
1.6
1.4
1.0
0.6
0.2
IB=0mA
0
1
2
3
4
5
6
VCE [V]
VCE(SAT) - IC
Ic/IB=10
2
1
0.1
0.01
Ta=100℃
Ta=25℃
1
10
100
1000
Ic [mA]


hFE - IC
Ta=25℃
2000
1000
100
10
VCE=1V
1
10
100
1000
Ic [mA]

TO-92 Unit: mm





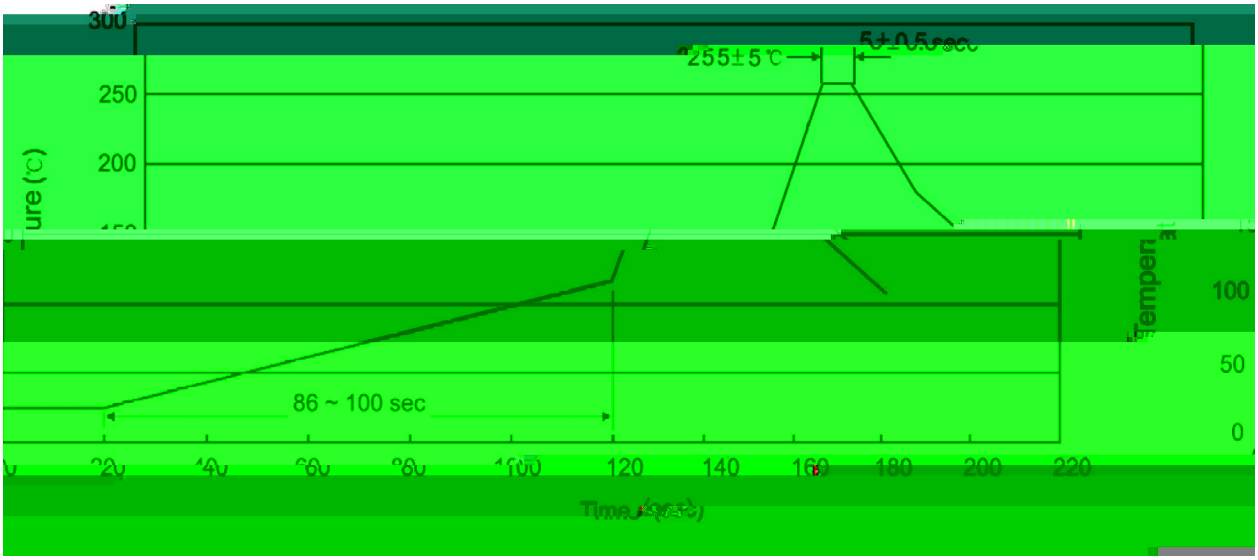

Note:

BR: Company Code.

S9012: Product Type.

D: $h_{FE}$ 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 | Units | Dimension | (unit mm3) |
|---|---|---|---|