

### / Descriptions

Silicon PNP transistor in a TO-92 Plastic Package.

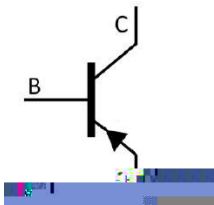
### / Features

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

### / Applications




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

### / Equivalent Circuit



### / Pinning



 PIN1 Collector     
  PIN 2 Base     
  PIN 3 Emitter

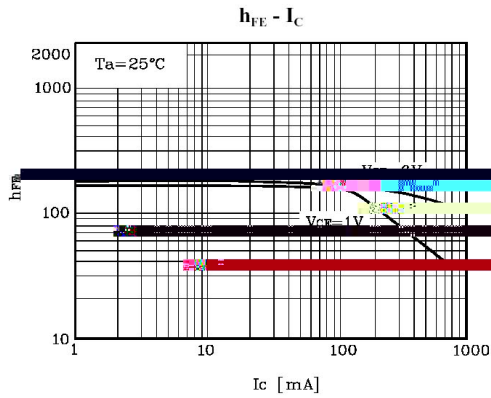
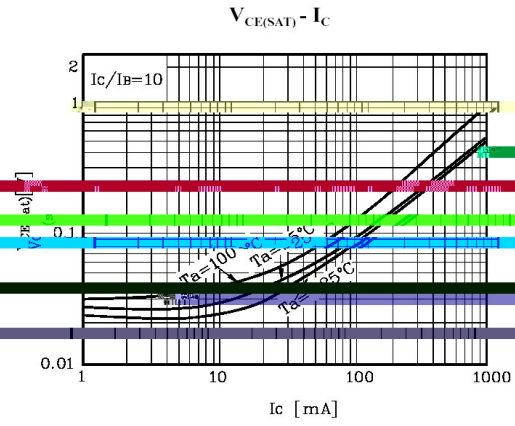
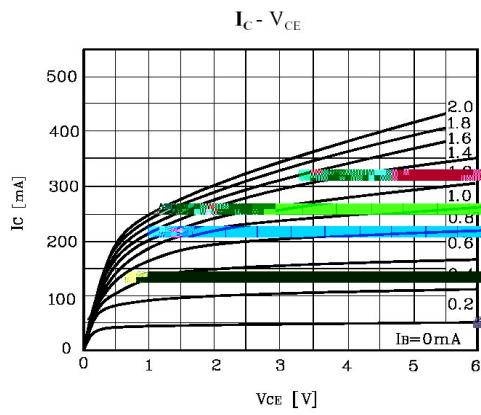
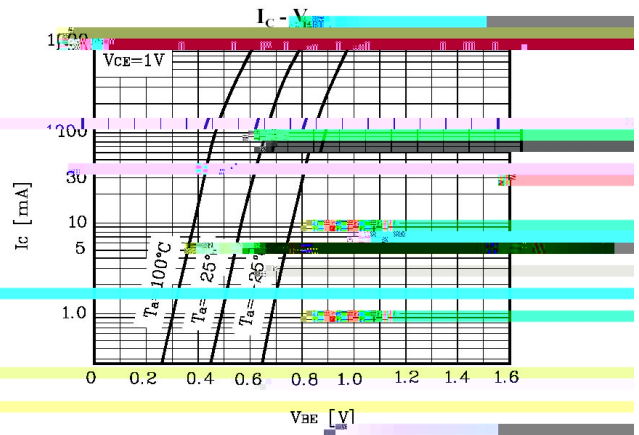
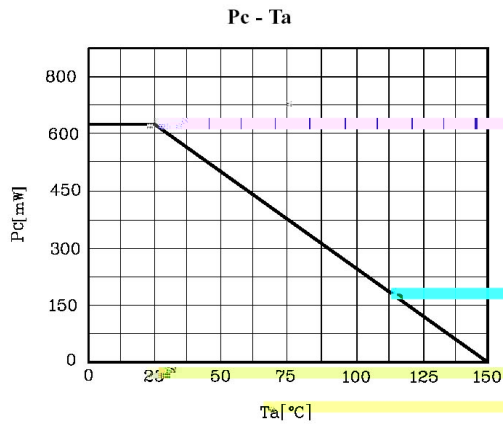
### / $h_{FE}$ Classifications & Marking

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

**S9012**

Rev.E Mar.-2016

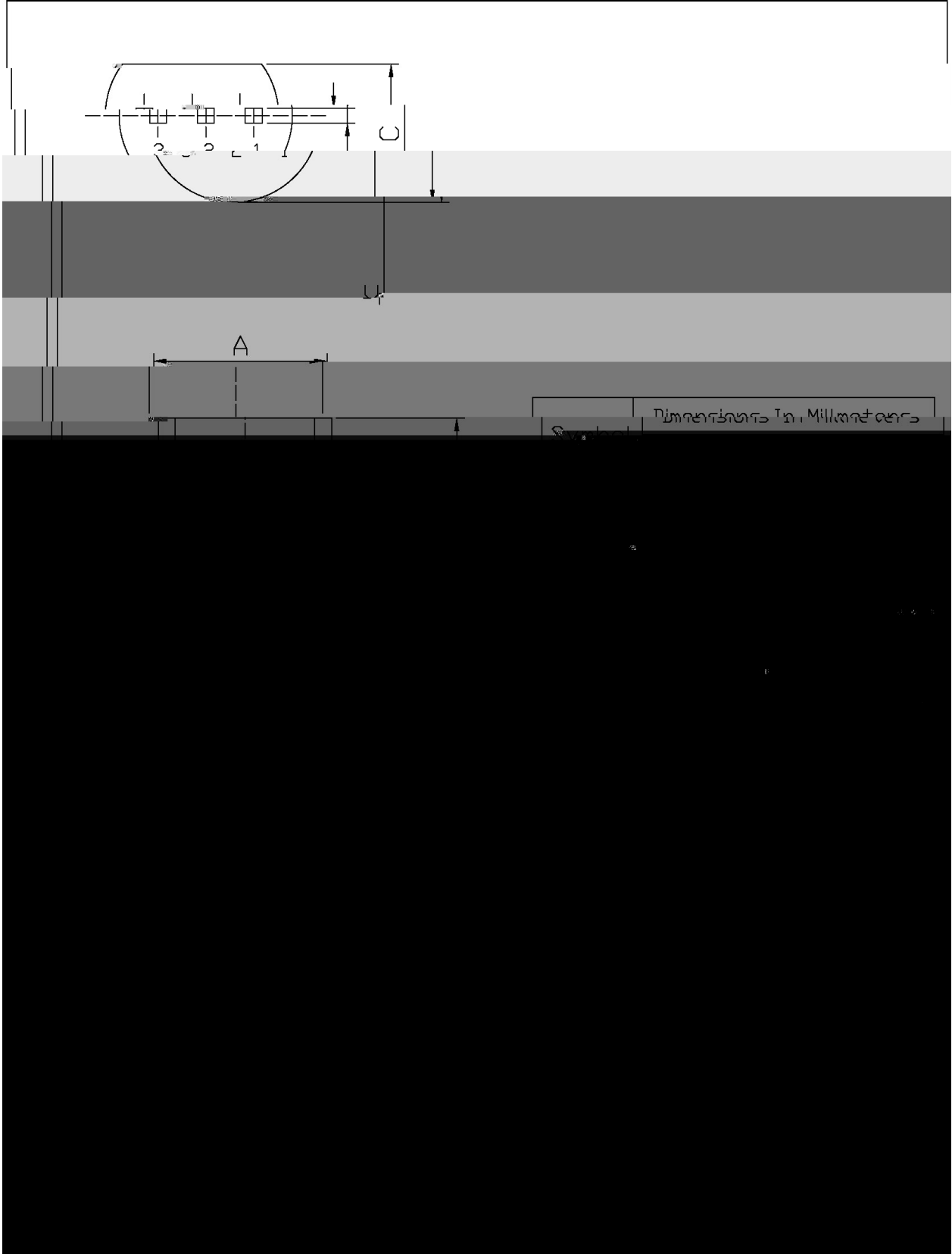
**DATA SHEET**



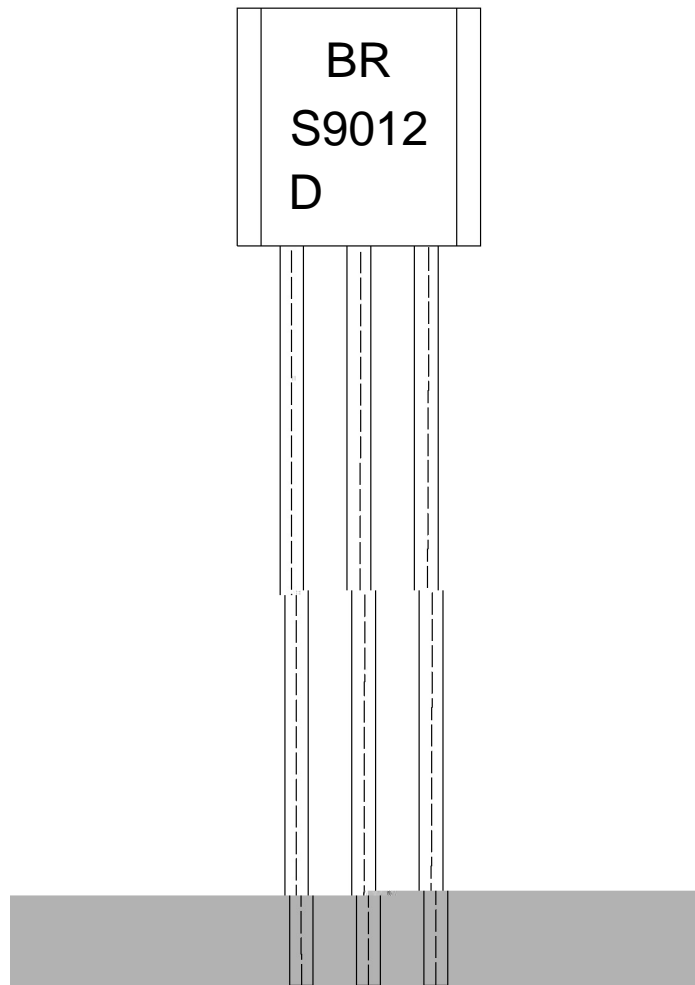
/ Package Dimensions

T0-92

Unit: mm



/ Marking Instructions



Note:

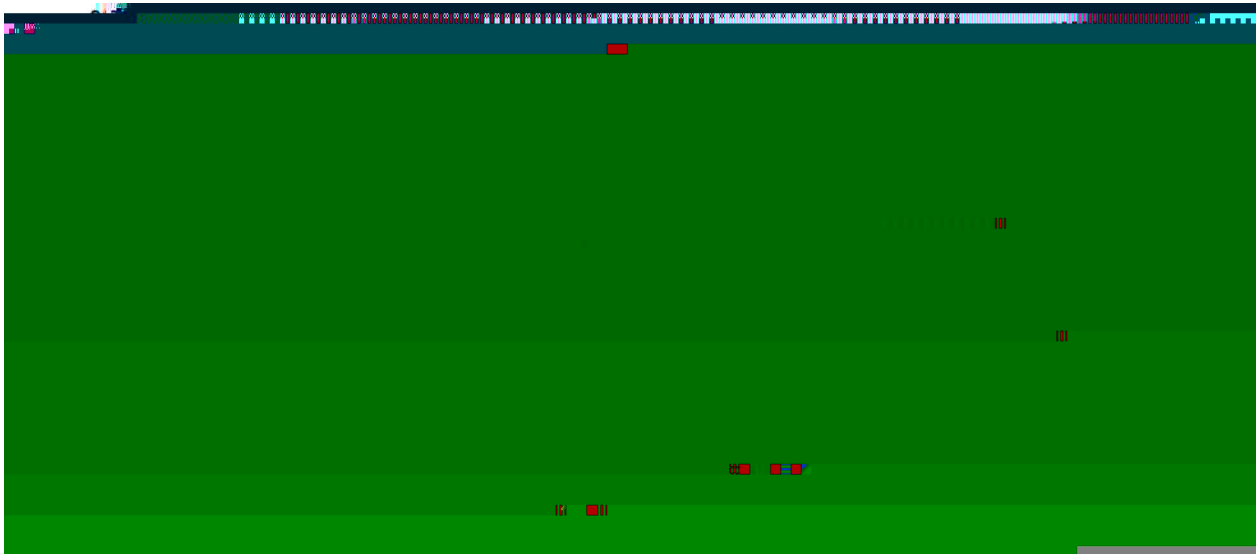
BR: Company Code.

S9012: Product Type.

D:  $h_{FE}$  Classifications Symbol.

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

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



- |   |     |     |    |          |       |   |
|---|-----|-----|----|----------|-------|---|
| 1 | 25  | 150 | 60 | 90sec;   | Note: | 1.Preheating:25~150 , Time:60~90sec.    |
| 2 | 255 | 5   | 5  | 0.5sec;  |       | 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                      Time:10±1 sec

/ Packaging SPEC.

/ BULK

Package Type	Units	Dimension	(unit mm3)
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