

/ Descriptions

Silicon PNP transistor in a TO-92 Plastic Package.

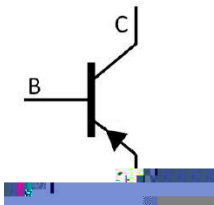
/ Features

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



1 2 3

PIN1 Collector PIN 2 Base PIN 3 Emitter

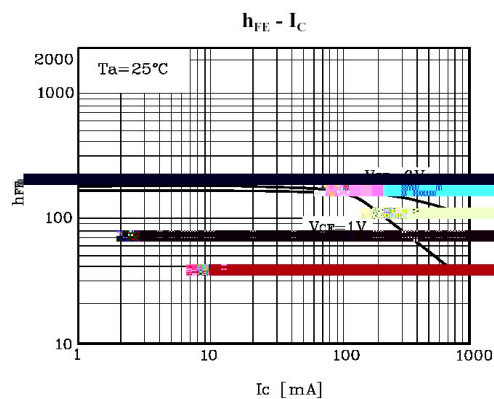
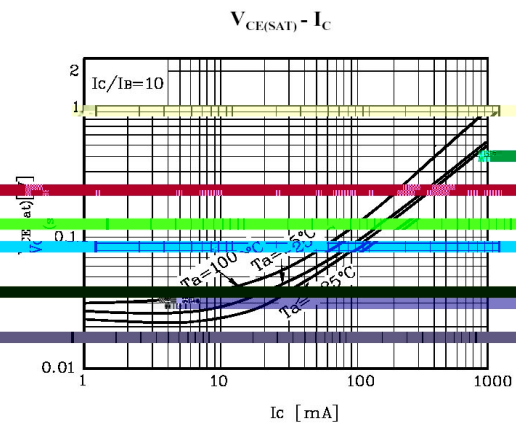
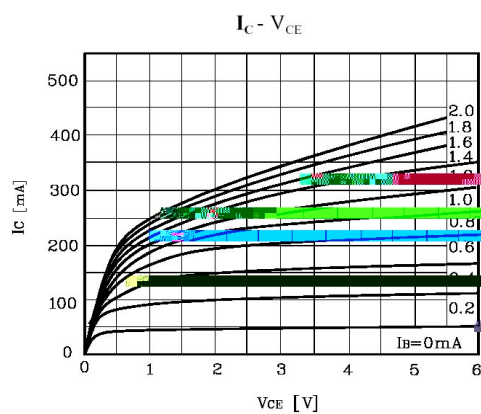
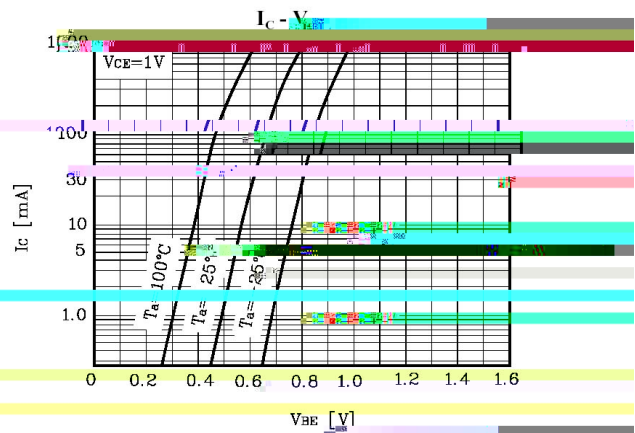
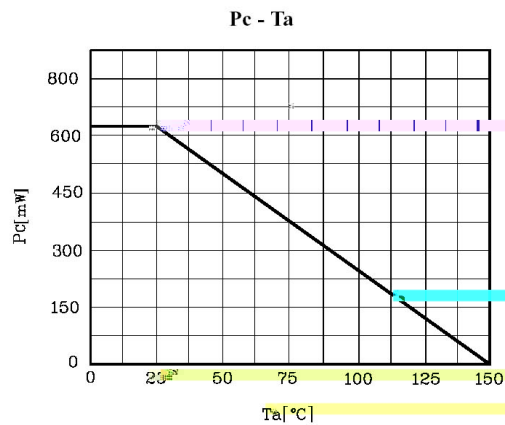
/ h_{FE} Classifications & Marking

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

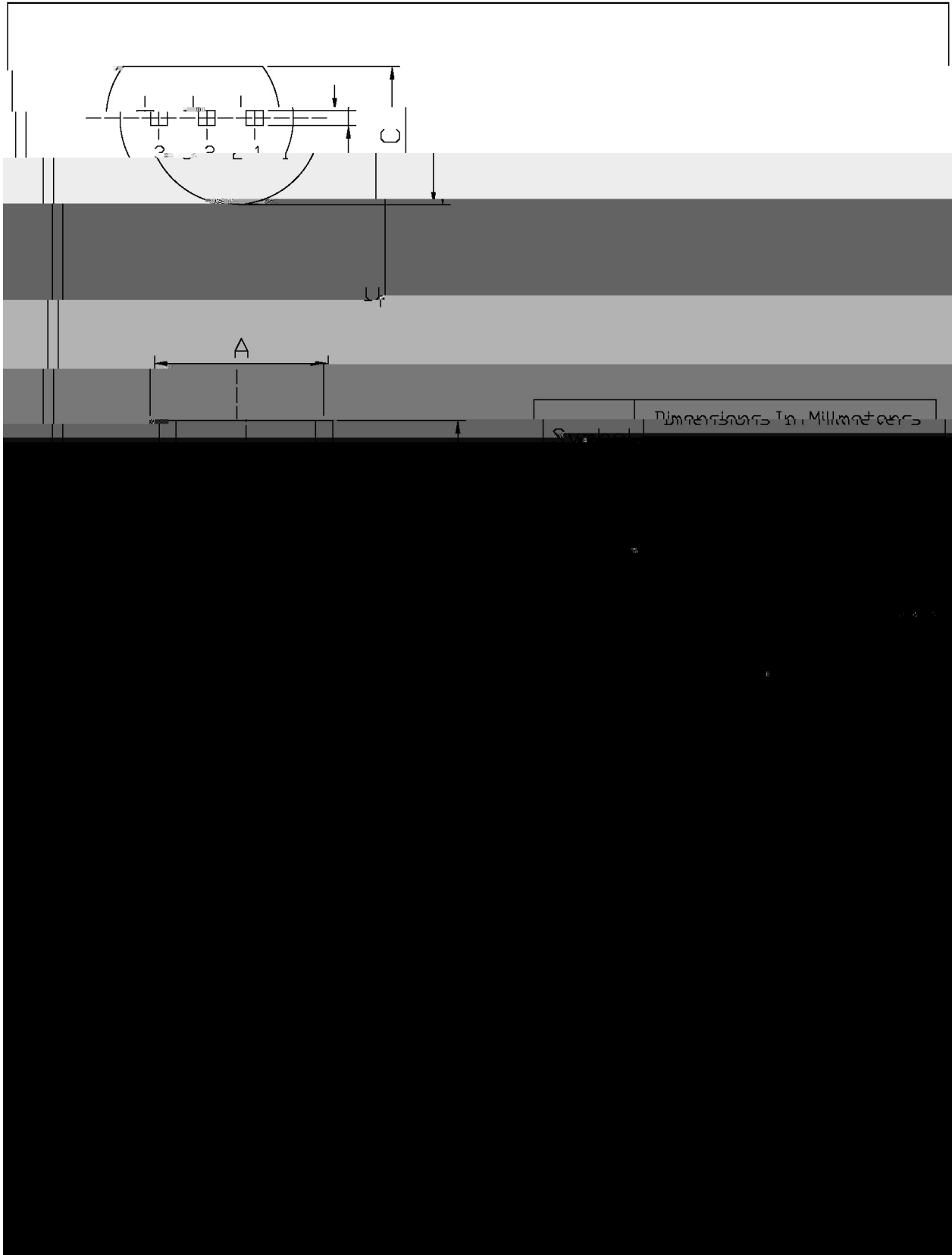
DATA SHEET



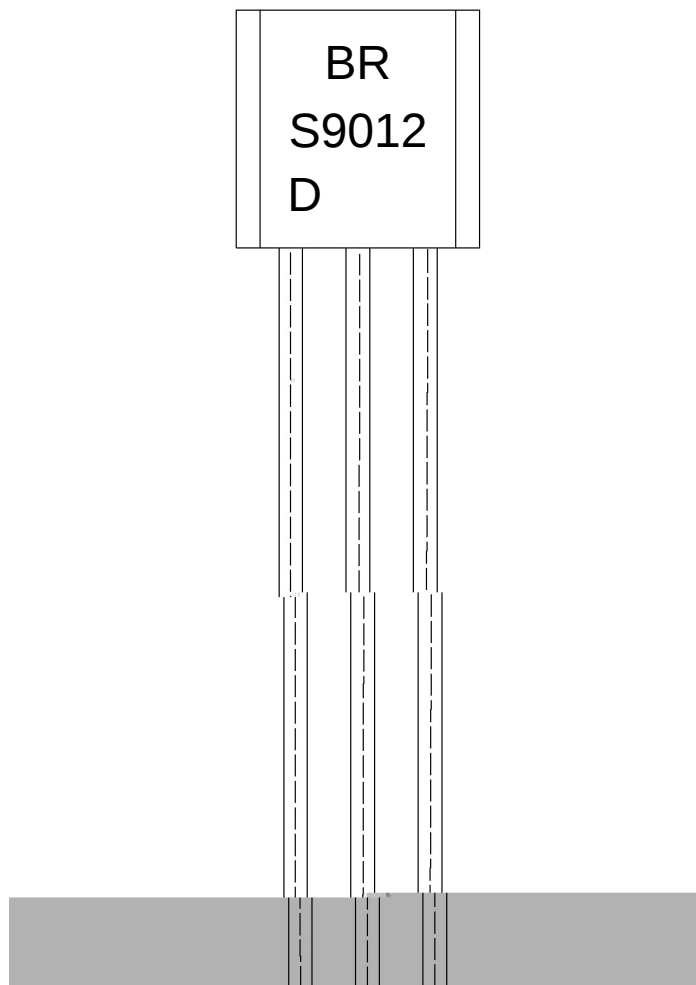
/ Package Dimensions

TO-92

Unit: mm



/ Marking Instructions



Note:

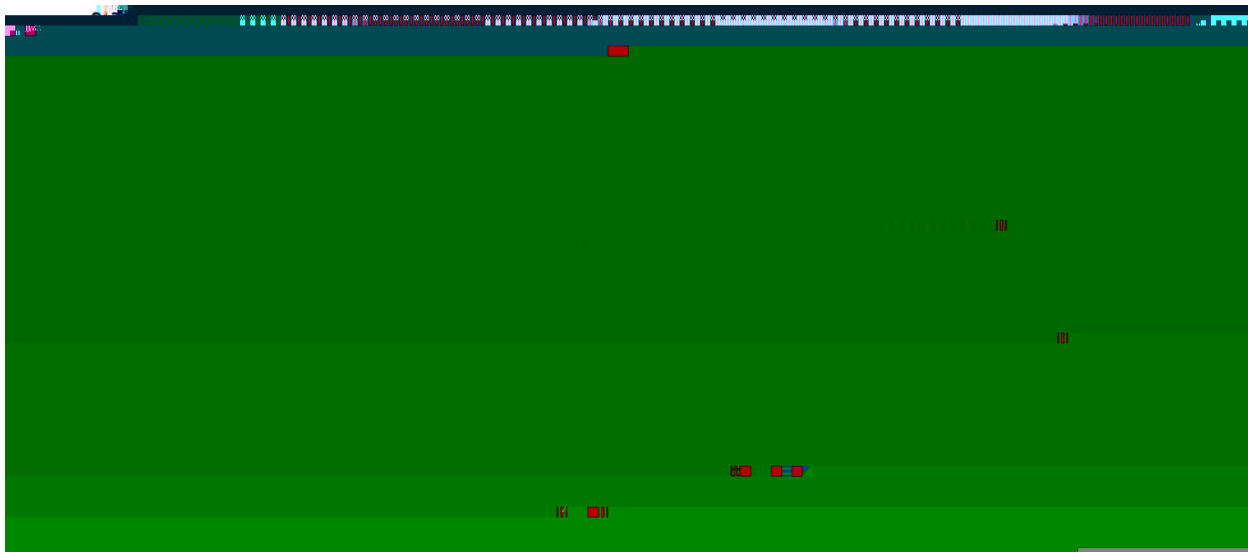
BR: Company Code.

S9012: Product Type.

D: h_{FE} Classifications Symbol.

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

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



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	Time:10±1 sec
-----	---	----	--------	-------------	---------------

/ Packaging SPEC.

/ BULK

Package Type	Units	Dimension	(unit mm3)
--------------	-------	-----------	------------