

/ Descriptions

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

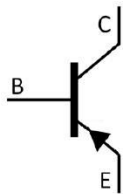
/ Features

P_C , h_{FE} , 9014

High P_C , excellent h_{FE} linearity, complementary pair with 9014.

/ Applications

Low frequency, low noise amplifier.

/ Equivalent Circuit**/ Pinning**

PIN1 Collector PIN 2 Base PIN 3 Emitter

/ h_{FE} Classifications & Marking

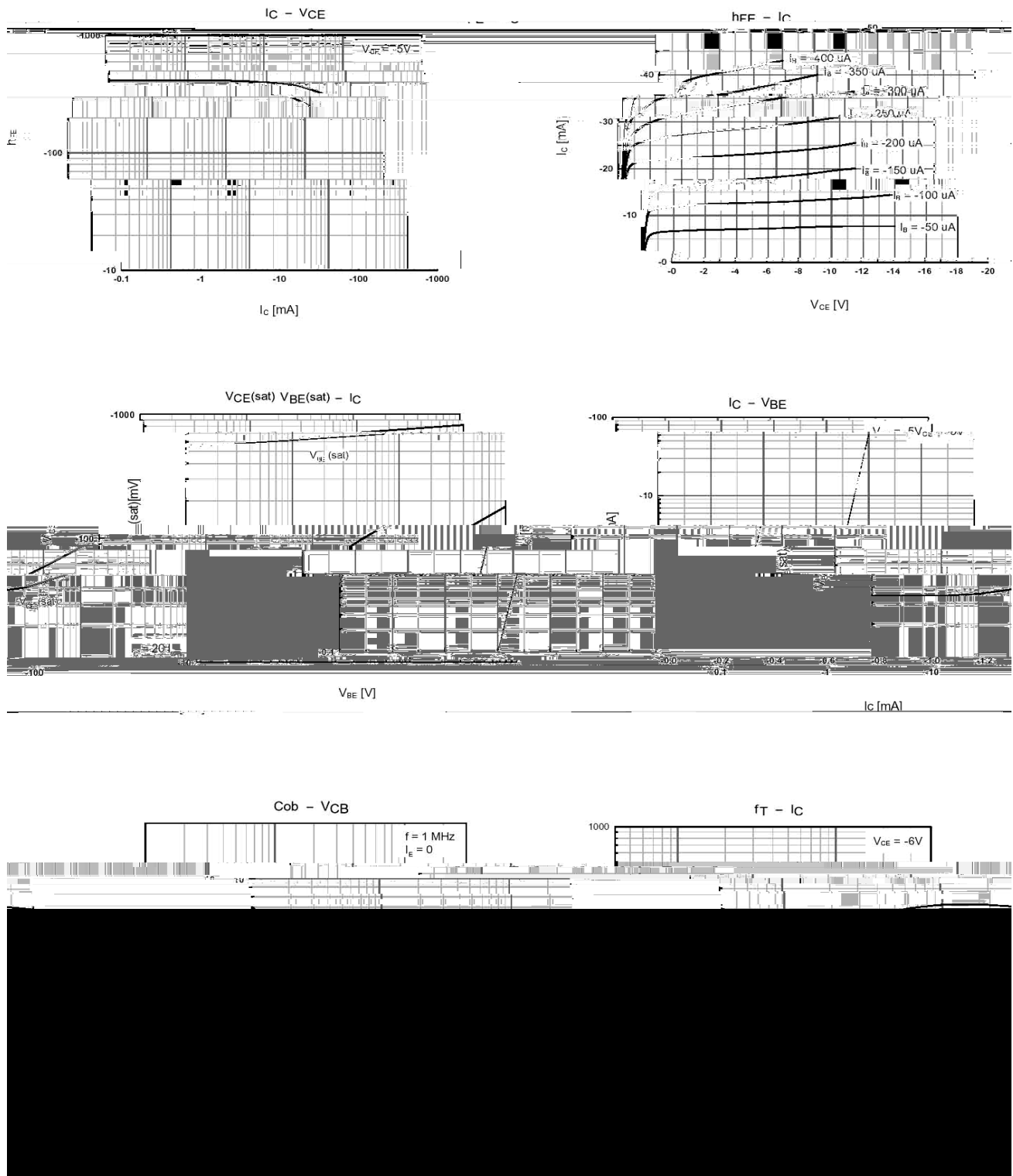
h_{FE} Classifications Symbol	A	B	C	D
h_{FE} Range	60~150	100~300	200~600	400~1000

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-50	V
Collector to Emitter Voltage	V_{CEO}	-45	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-100	mA
Collector Power Dissipation	P_C	450	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

	Min	Typ	Max	Unit
	-50			V
	-45			V
	-5.0			V
			-0.05	A

3 3Tm-6.7203 Tc0 Tw(EBO)Tj10.5 0 0 1

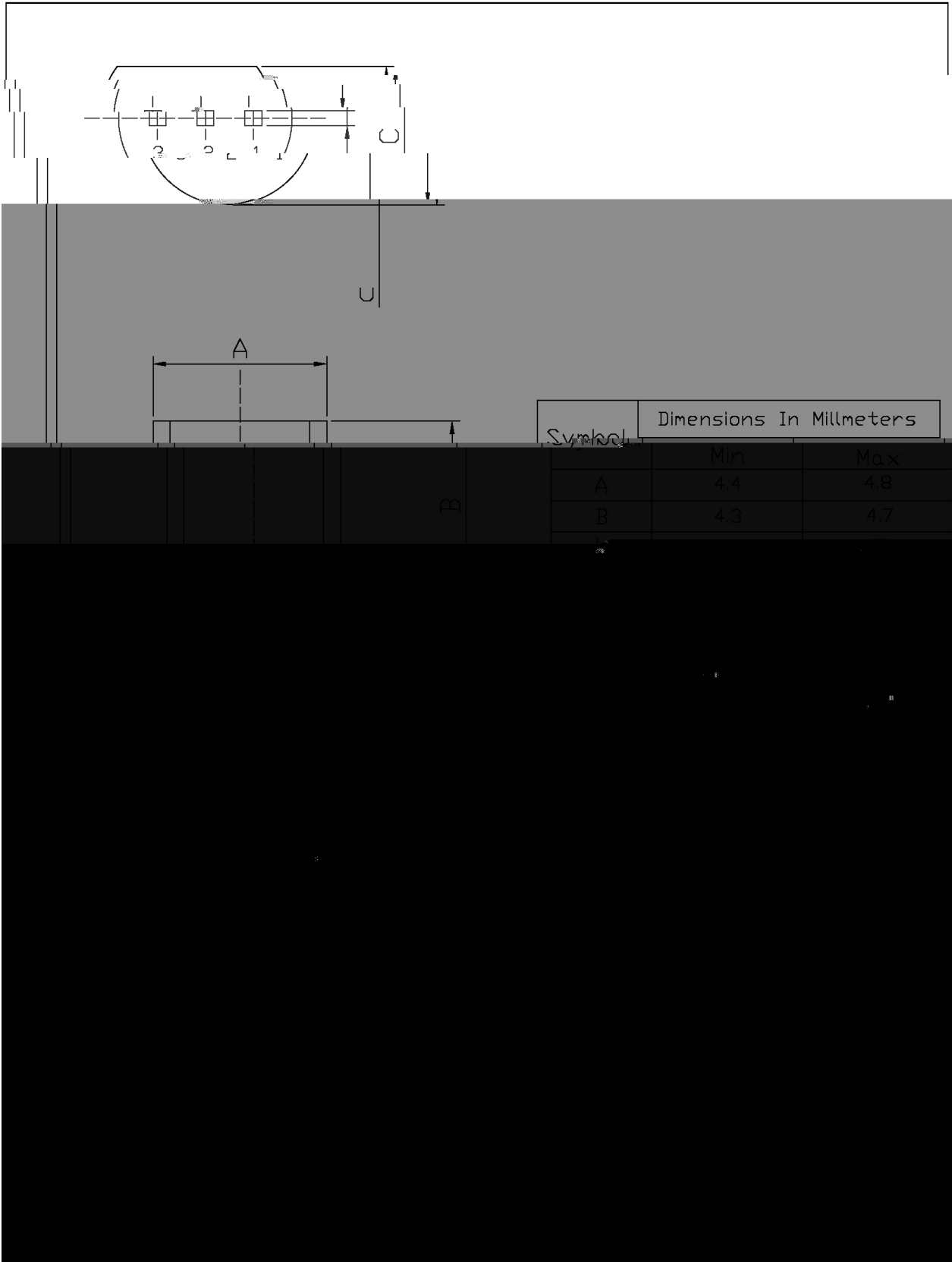
/ Electrical Characteristic Curve



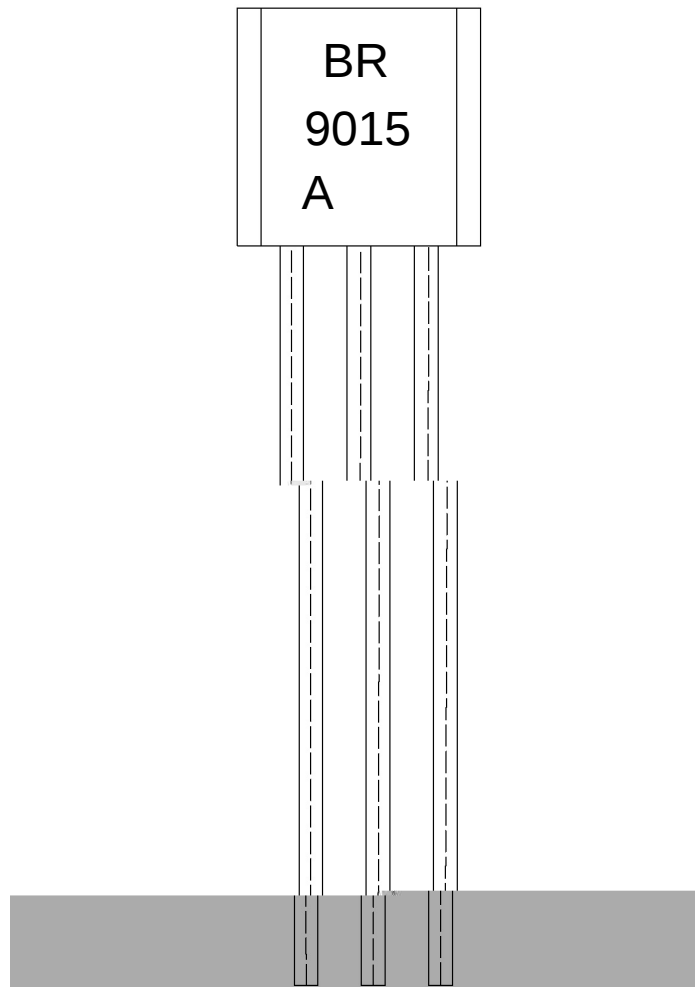
/ Package Dimensions

TO-92

Unit: mm



/ Marking Instructions



BR

9015

A: h_{FE}

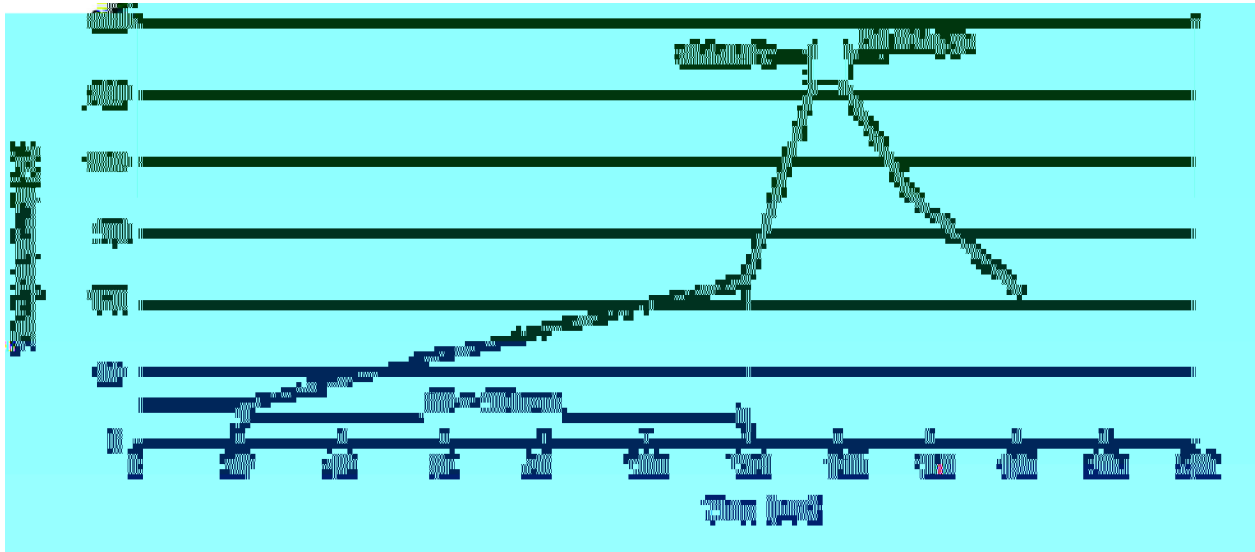
Note:

BR: Company Code.

9015: Product Type.

A: 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;
 2 255±5 5±0.5sec;
 3 2 10 /sec.

- 1.Preheating:25~150 , Time:60~90sec.
 2.Peak Temp.:255±5 , Duration:5±0.5sec.
 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 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm3)		
	只袋	袋盒	只盒	盒箱	只箱	袋	盒	箱

/ AMMO

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm3)	
	只纸带	纸带盒	纸带层盒	盒箱	只箱	盒	箱
							小箱 , 大箱

/ Notices