

/ Descriptions

Silicon PNP transistor in a TO-220 Plastic Package.

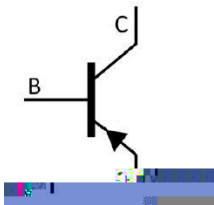
/ Features

Complement to KSD288.

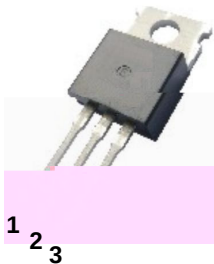
/ Applications

Low frequency power amplifier.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

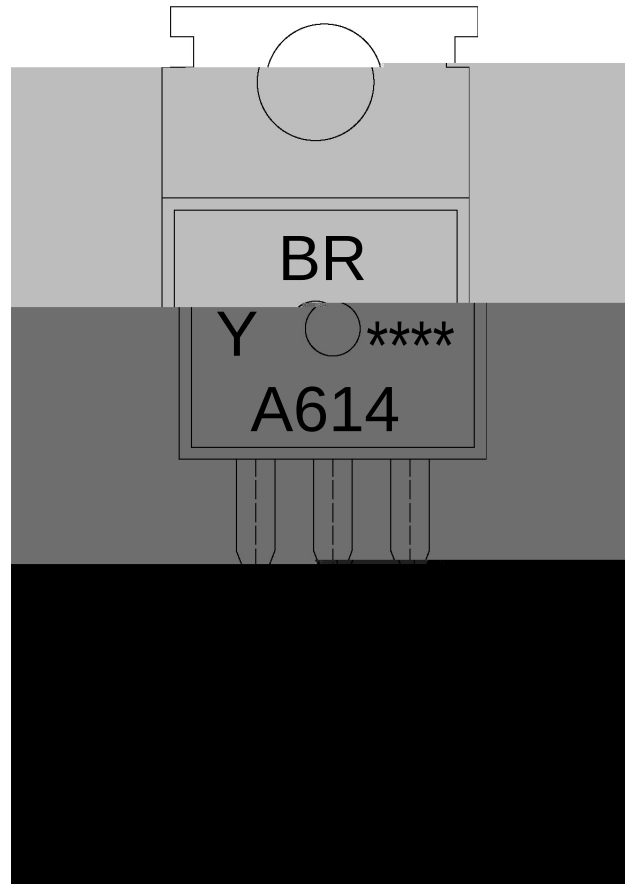
h_{FE} Classifications Symbol	R	O	Y
h_{FE} Range	40 80	70 140	120 240

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-80	V
Collector to Emitter Voltage	V_{CEO}	-55	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-3.0	A
Collector Power Dissipation	P_C	2.0	W
	$P_C(T_c=25^\circ C)$	25	W
Junction Temperature	T_J	150	
Storage Temperature Range	T_{stg}	-55 150	

Parameter Symbol

Technical drawing of a mechanical part, likely a shaft or axle, showing various dimensions and features. The drawing includes a top view with dimensions A, B, C, and a side view with dimensions a, b1, C1, and a1. There are also annotations for angles (3°) and a note 'C1'.

/ Marking Instructions



Note:

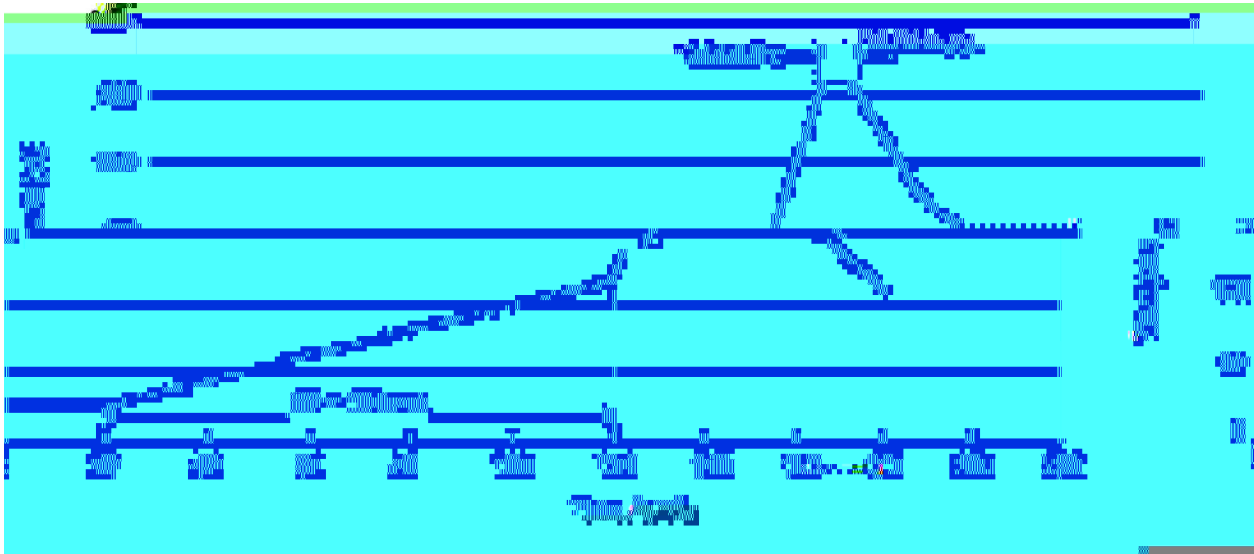
BR: Company Code

A614: Product Type.

Y: 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	Units				Dimension	(unit mm ³)
	Units/Bag	Bags/Inner Box	Units/Inner Box	Innenere4,2xnsOuteere4,2		