

/ Descriptions

Silicon PNP transistor in a TO-92 Plastic Package.

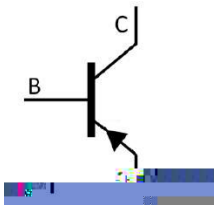
/ Features

High DC current gain, excellent h_{FE} linearity, low saturation voltage

/ Applications

Strobo flash, medium power amplifier applications.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

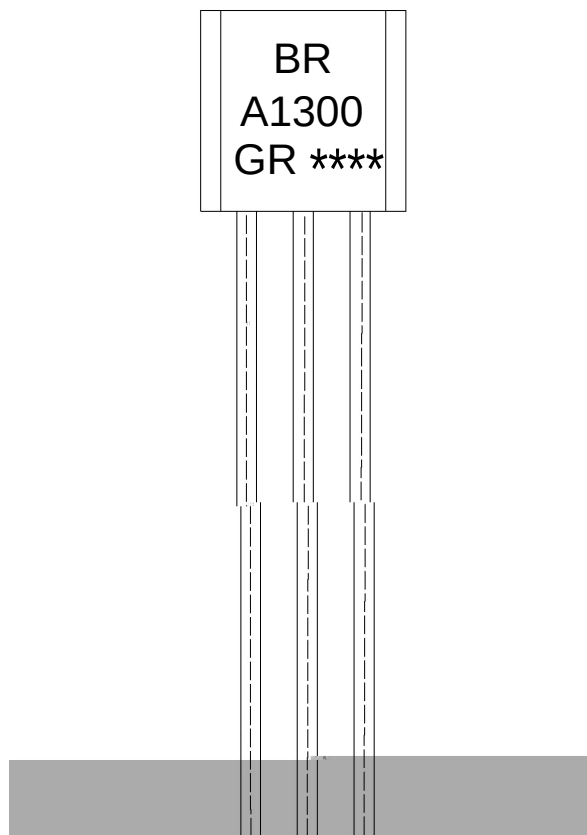
h_{FE} Classifications Symbol	Y	GR	BL
h_{FE} Range	140~280	200~400	300~600

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-20	V
Collector to Emitter Voltage	V_{CEO}	-10	V
Emitter to Base Voltage	V_{EBO}	-6.0	V
Collector Current - Continuous	I_C	-2.0	A
Collector Current – Continuous(Pulse)	I_{CP}	-5.0	A
Base Current - Continuous	I_B	-2.0	A
Collector Power Dissipation	P_C	750	mW

2SA1300

2SA1300

/ Marking Instructions



h_{FE}

Note:

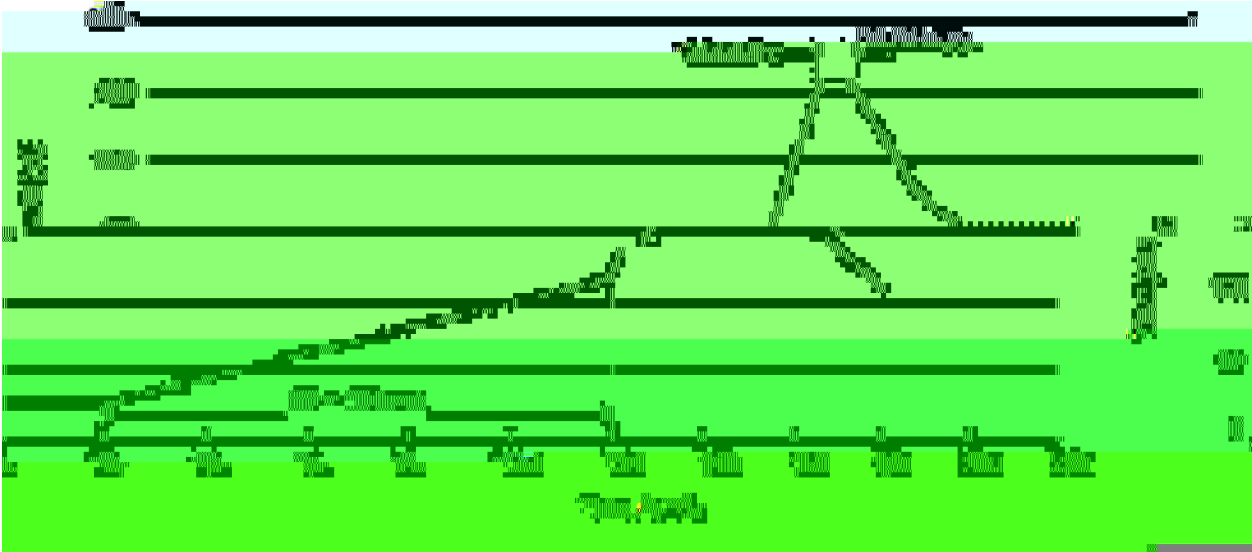
BR: Company Code.

A1300: Product Type.

GR: 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
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/ Packaging SPEC.

/ BULK

dBW(37#)