/ Descriptions

Silicon PNP transistor in a TO-92 Plastic Package.

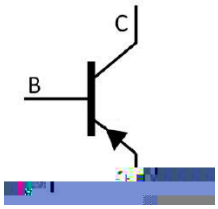
/ Features

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

/ hFE Classifications & Marking

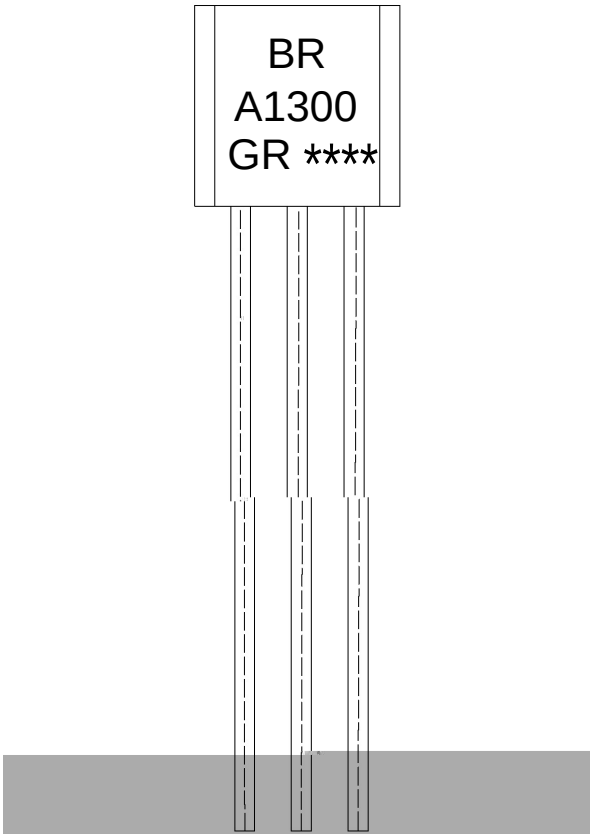
h_{FE} Classifications Symbol	Y	GR	BL
h_{FE} Range	140~280	200~400	300~600

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;
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

dÊWB(37#qp