

/ Descriptions

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

/ Features

High voltage.

/ Applications

High voltage control circuit application.

/ Equivalent Circuit



/ Pinning



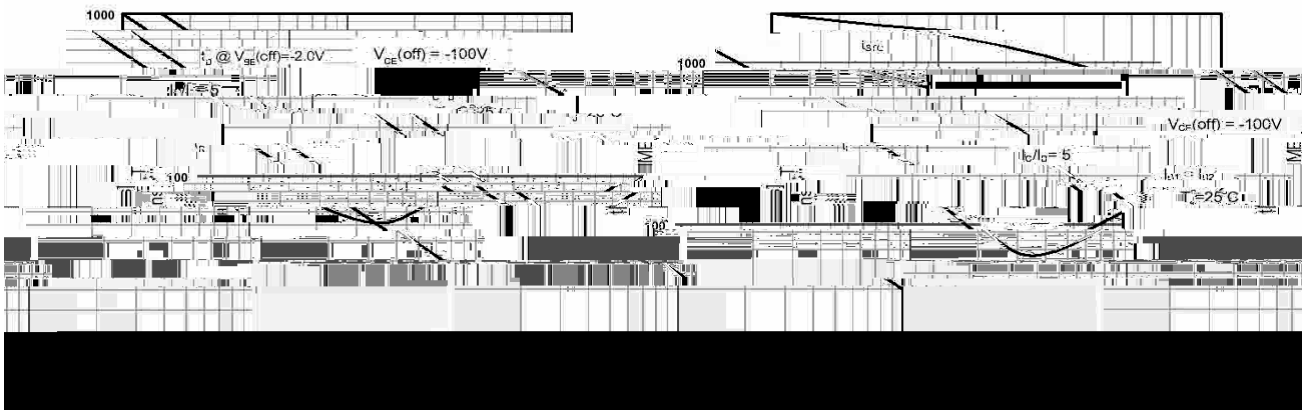
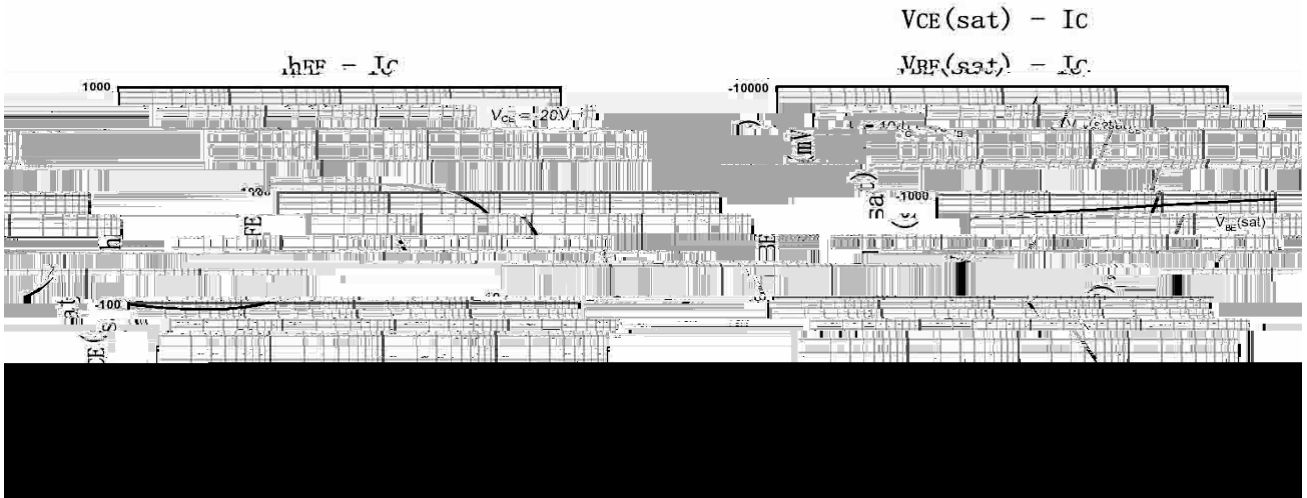
1 2 3
PIN1 Collector PIN 2 Base PIN 3 Emitter

/ h_{FE} Classifications & Marking

See Marking Instructions.

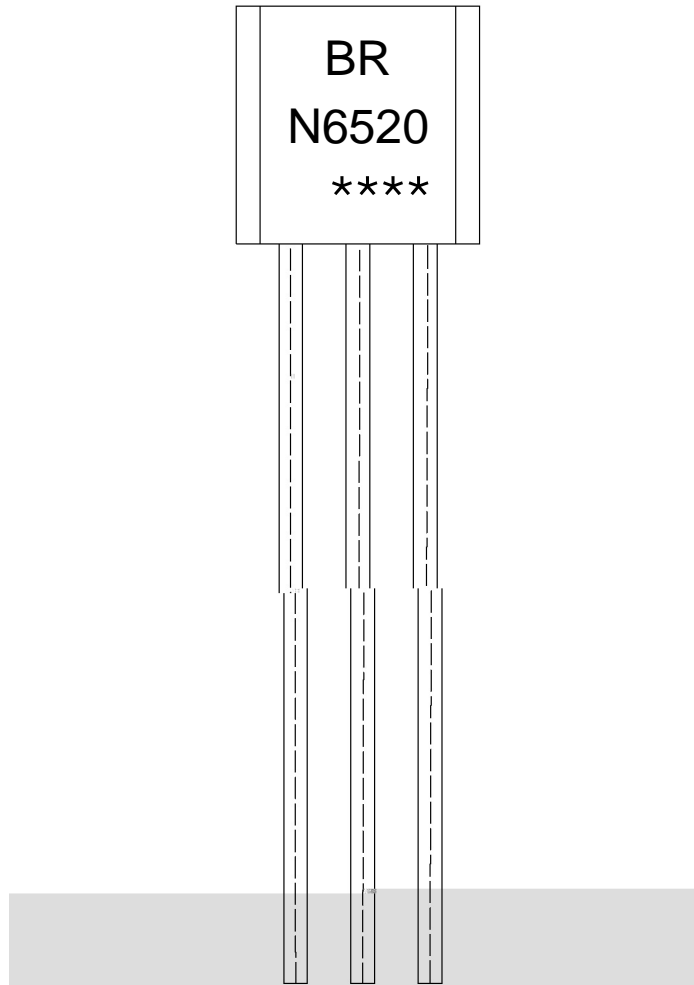
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-350	V
Collector to Emitter Voltage	V_{CEO}	-350	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-500	mA
Base Current - Continuous	I_B	-250	mA
Collector Power Dissipation	P_C	625	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

/ Electrical Characteristic Curve



2N6520

/ Marking Instructions



BR

N 6520

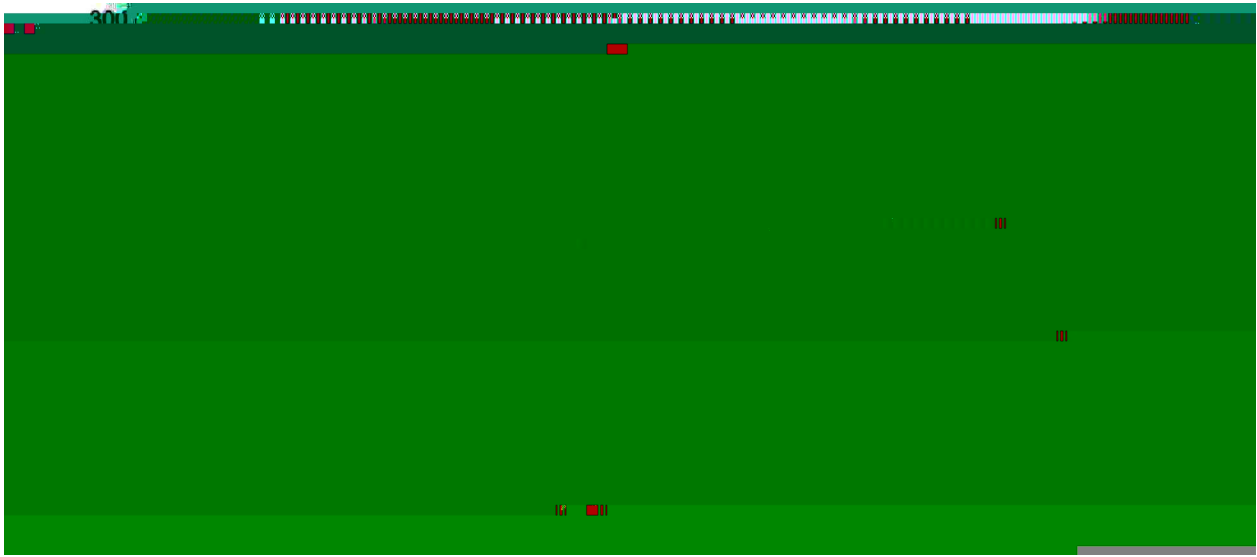
Note:

BR: Company Code.

N6520: Product Type.

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

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



- | | | | | | |
|---|-------|-----|-----------|---|-------|
| 1 | 25 | 150 | 60 | 90sec; | Note: |
| 2 | 255±5 | | 5±0.5sec; | 1.Preheating:25~150 , Time:60~90sec. | |
| 3 | | 2 | 10 /sec. | 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