

/ Descriptions

Silicon NPN transistor in a TO-220 Plastic Package.

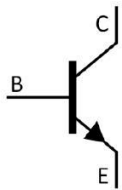
/ Features

Low collector-to-emitter saturation voltage.

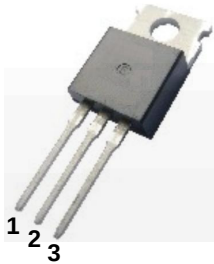
/ Applications

Humidifier, DC-DC converter, and general purpose.

/ Equivalent Circuit



/ Pinning

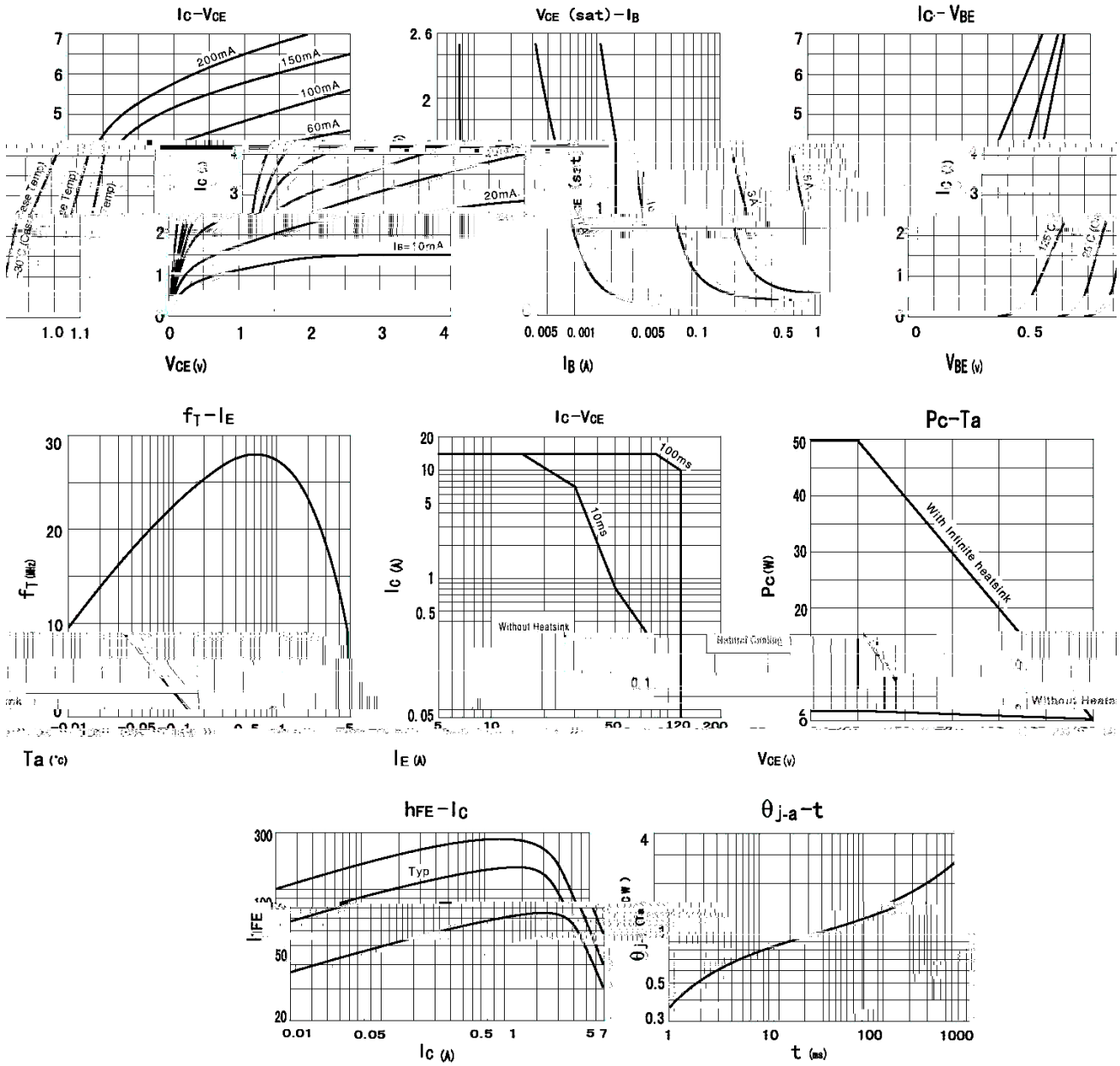


PIN1 Base PIN 2 Collector PIN 3 Emitter

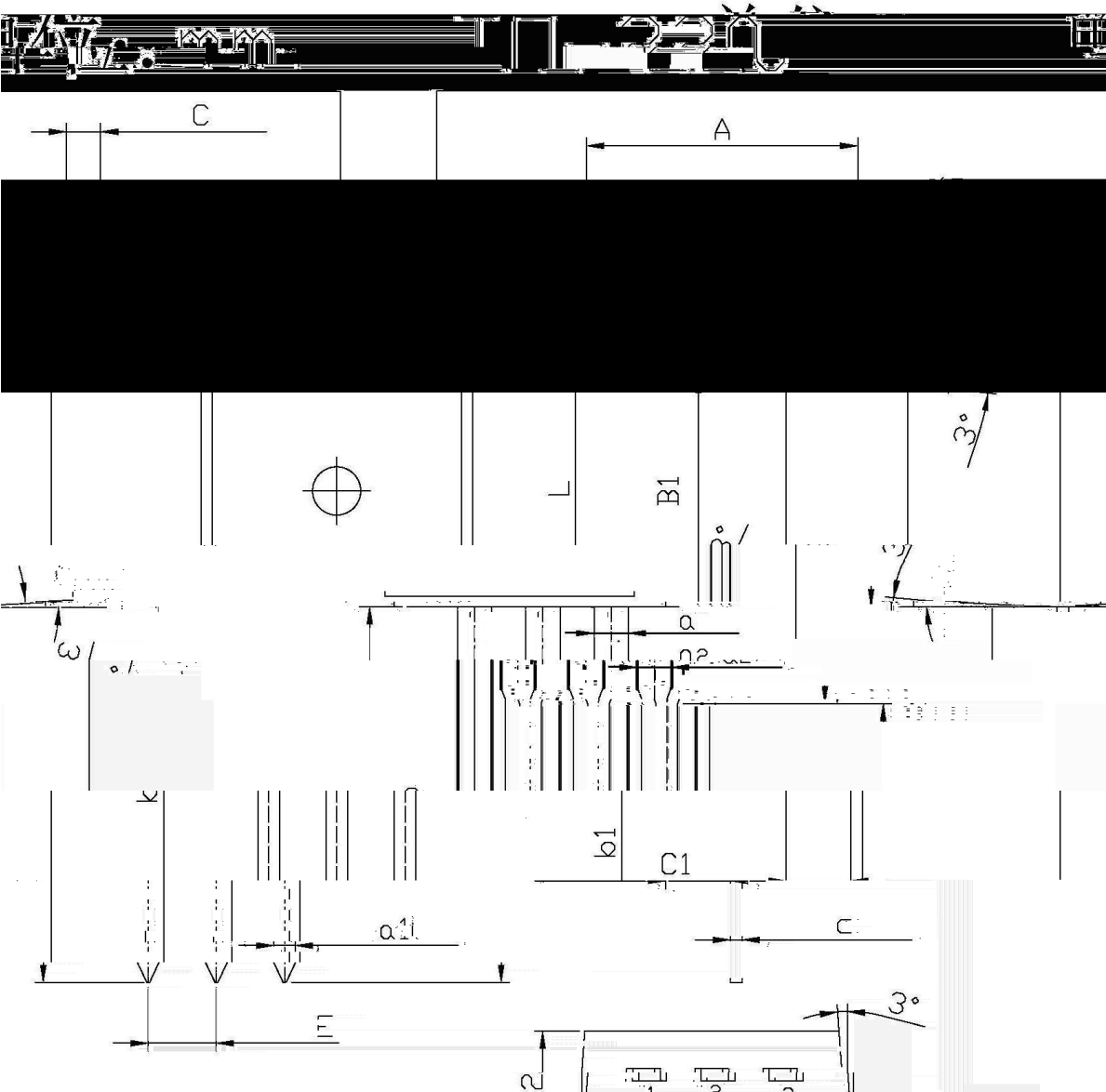
/ h_{FE} Classifications & Marking

See Marking Instructions.

/ Electrical Characteristic Curve

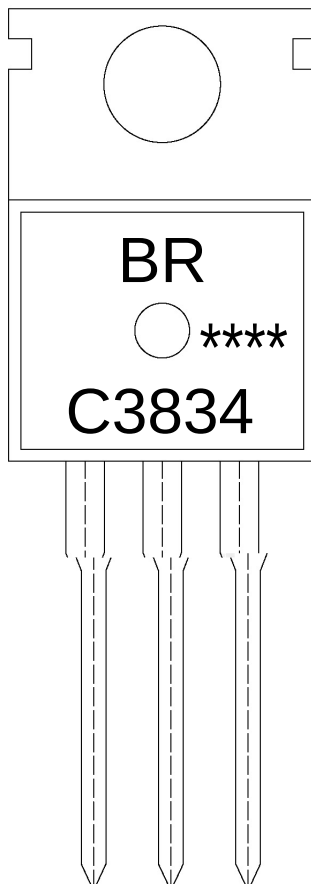


/ Package Dimensions



Dimensions in Millimeters			Dimensions in Millimeters		
Symbol	Min	Max	Symbol	Min	Max
A	9.8	10.2	C	1.2	1.4
B1	7.5	7.7	C1	1.7	1.9
L	15.7	16.1	C	9.4	11.1
a	1.0	1.2	C1	2.2	2.6

/ Marking Instructions



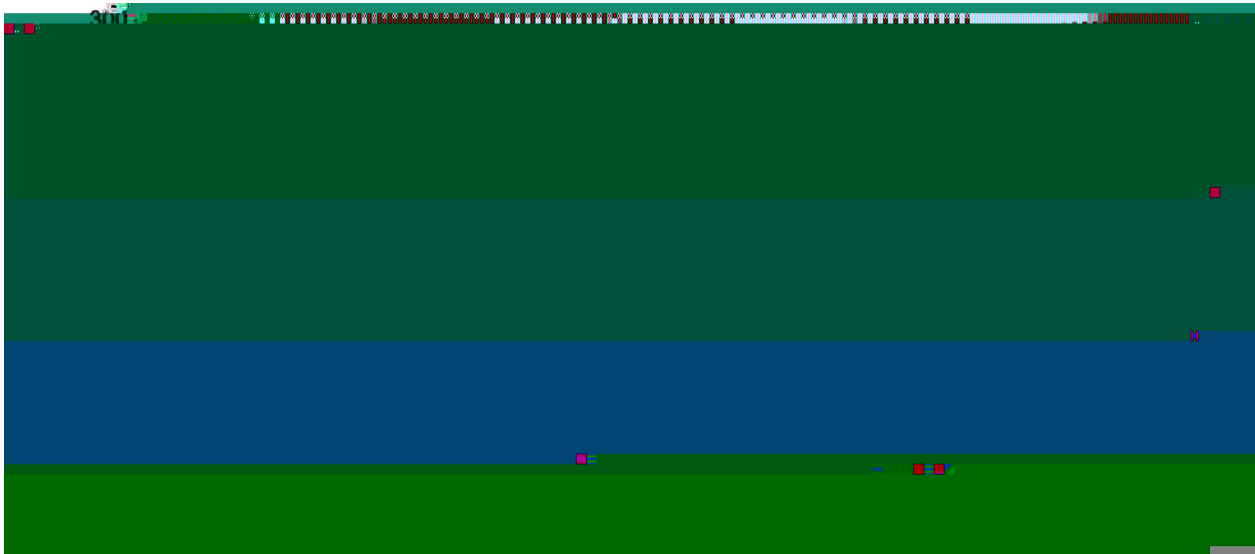
Note:

BR: Company Code

C3834: Product Type.

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

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



1

25 150

60 90sec;

Note:
1.Preheating:25~150

/ Notices

