

/ Descriptions

TO-220 NPN Silicon NPN transistor in a TO-220 Plastic Package.

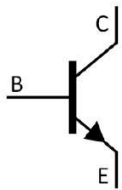
/ Features

Low collector-to-emitter saturation voltage.

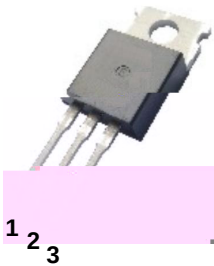
/ Applications

Humidifier, DC-DC converter, and general purpose.

/ Equivalent Circuit



/ Pinning

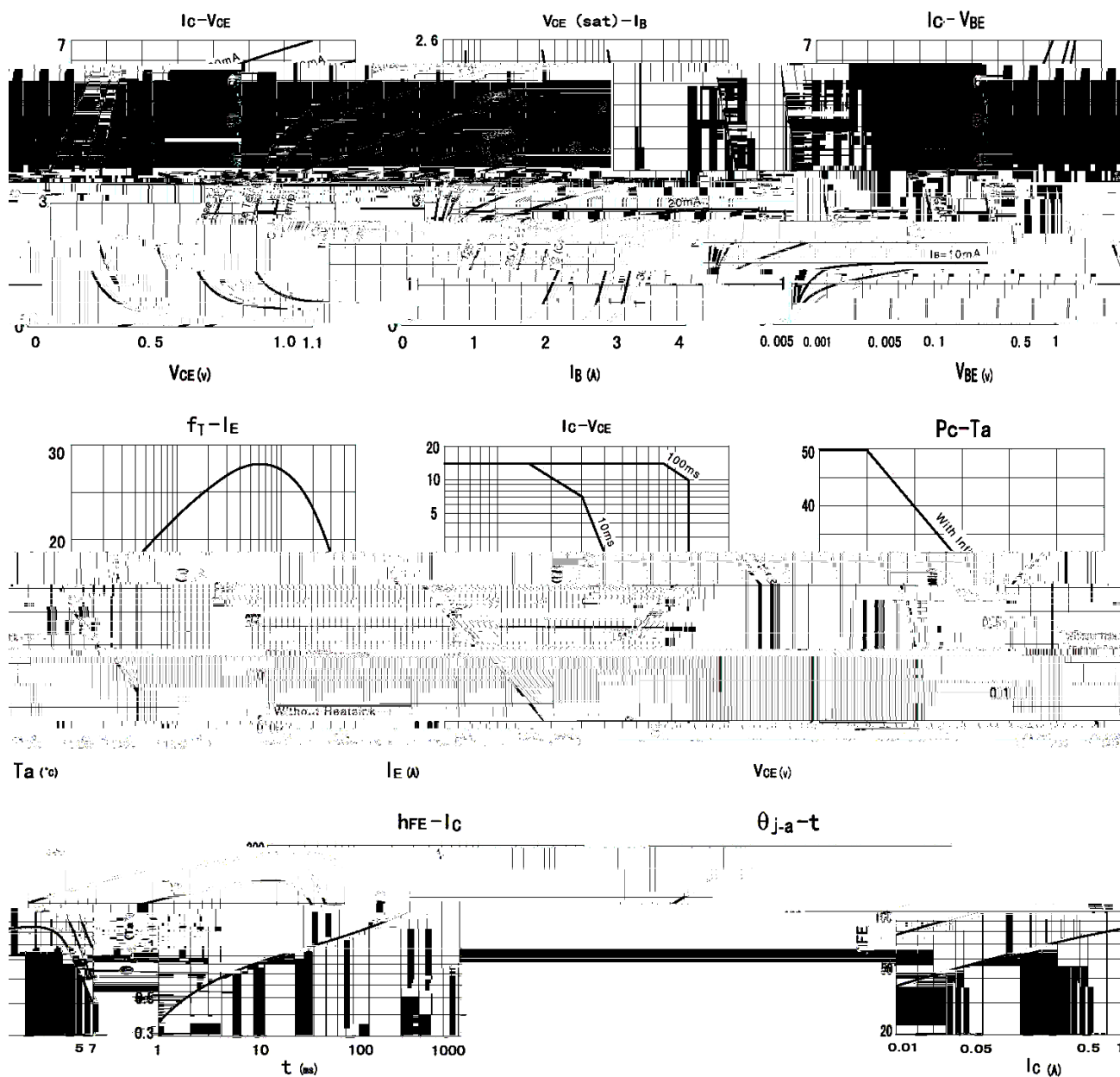


PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

See Marking Instructions.

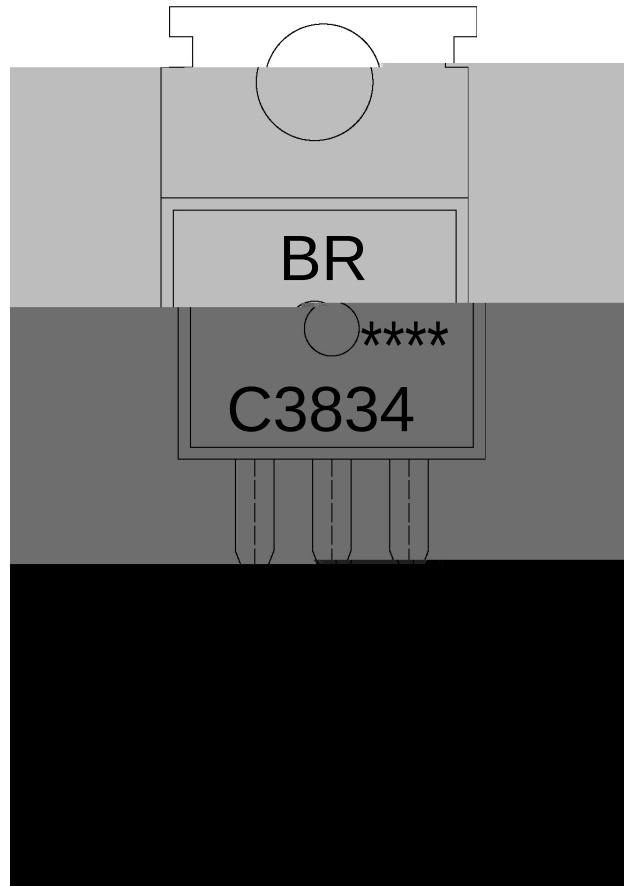
Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



BR

C3834

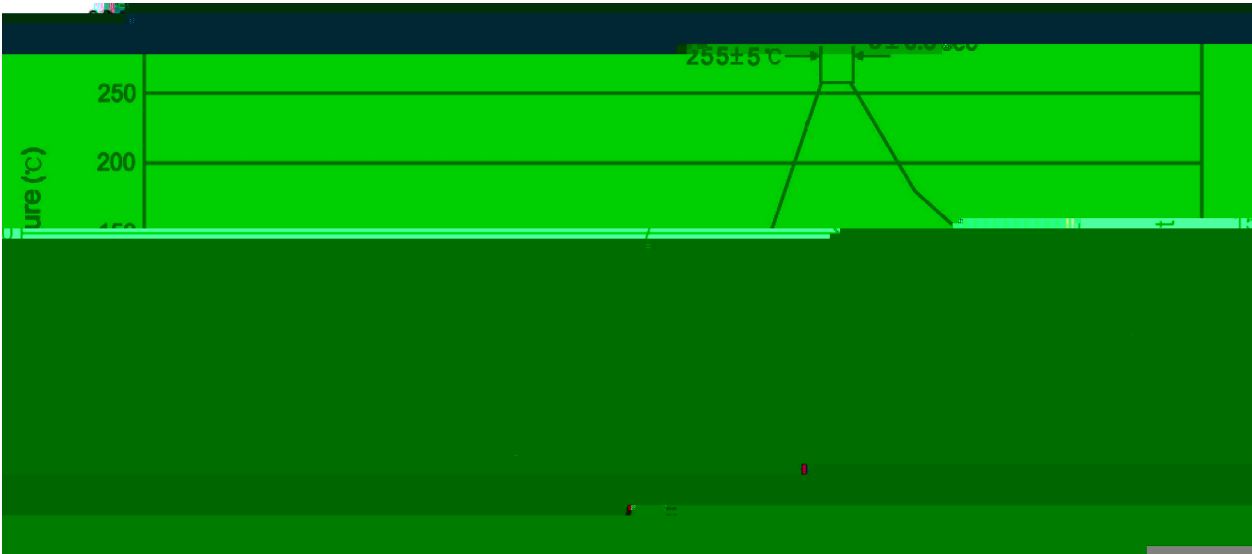
Note:

BR: Company Code

C3834: Product Type.

****: 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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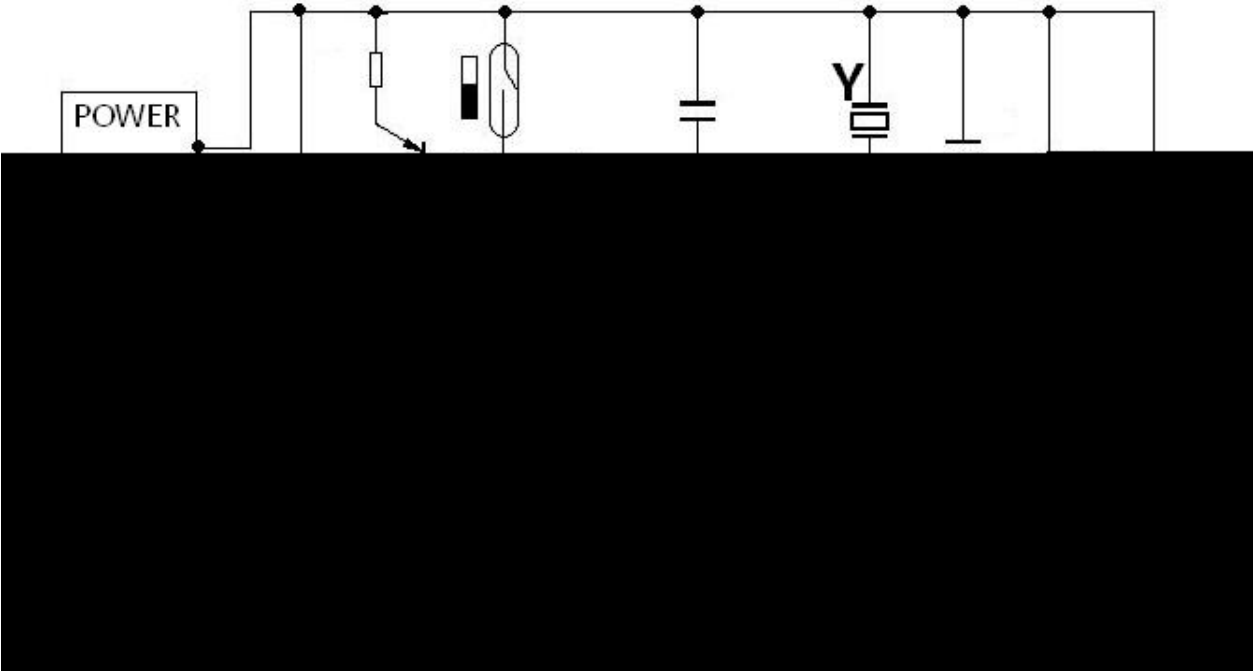
/ Packaging SPEC.

/ BULK

Package Type	Units		Dimension	(unit mm ³)
	Units/Bag	Bags/Inner Box		
	/	/		

/ Notices

3MHZ



- 1

≤3.0MHZ
- 2

≤40V
- 3

≤45W
- 4

HFE

60-70,70-80,80-90

- 1

HFE

HFE

60-70

70-80

80-90
- 2

HFE

- 1

Y
- 2

μ

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