

/ Descriptions

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

/ Features

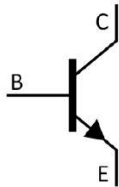
2SB1375

Low $V_{CE(sat)}$, High total power dissipation, complementary pair with 2SB1375.

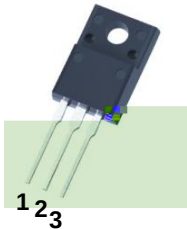
/ Applications

Audio frequency power amplifier applications.

/ Equivalent Circuit



/ Pinning



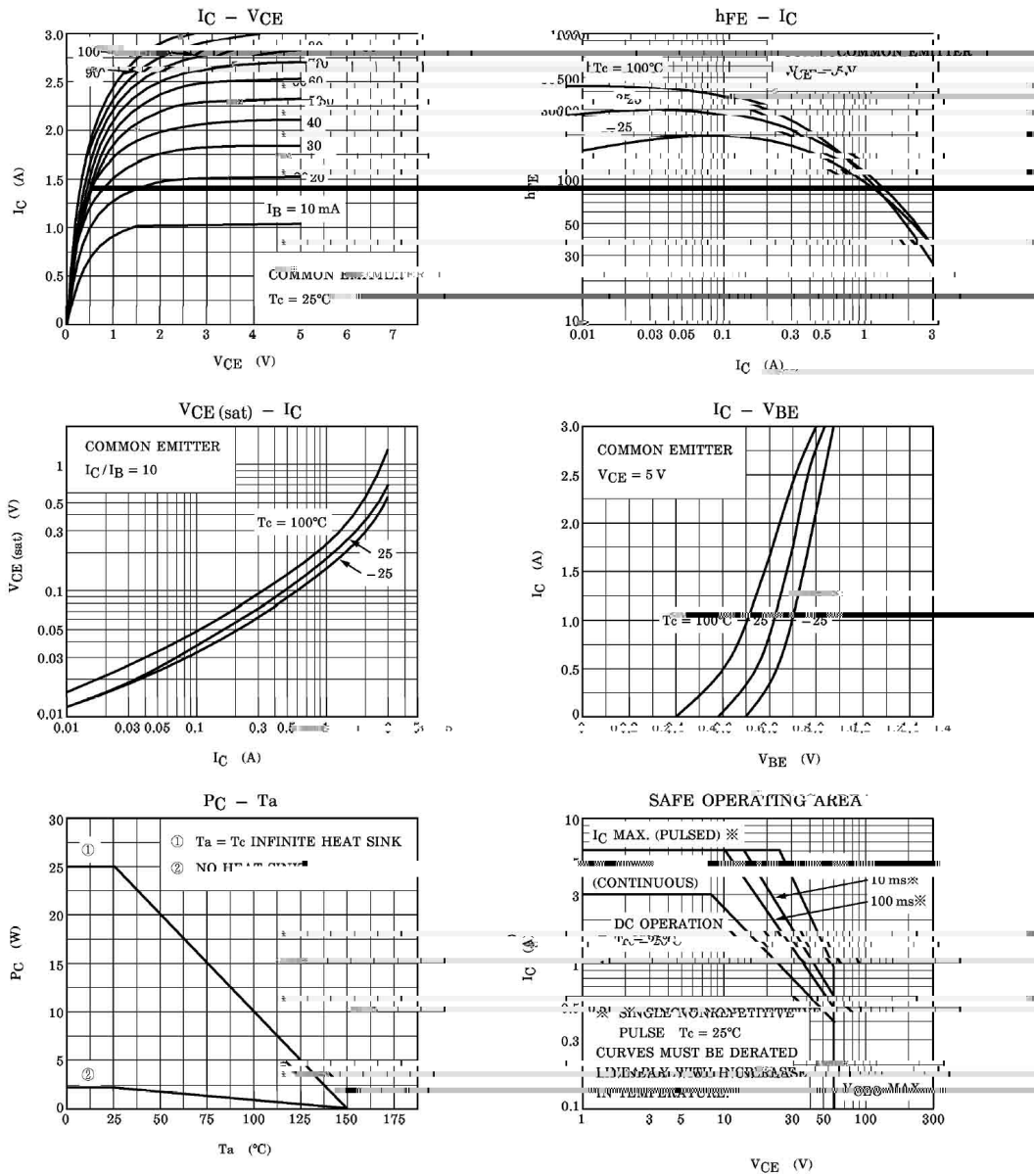
PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

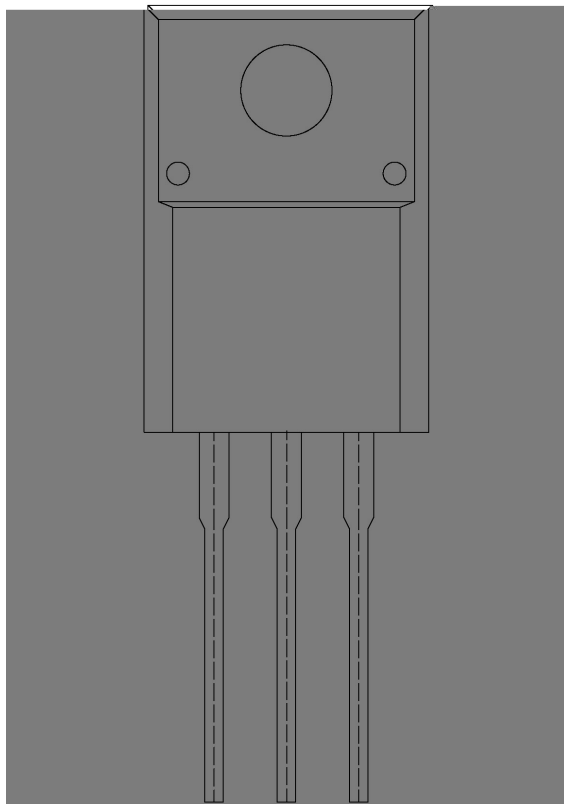
See Marking Instructions.

Parameter	Symbol	f	>
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/ Electrical Characteristic Curve



/ Marking Instructions



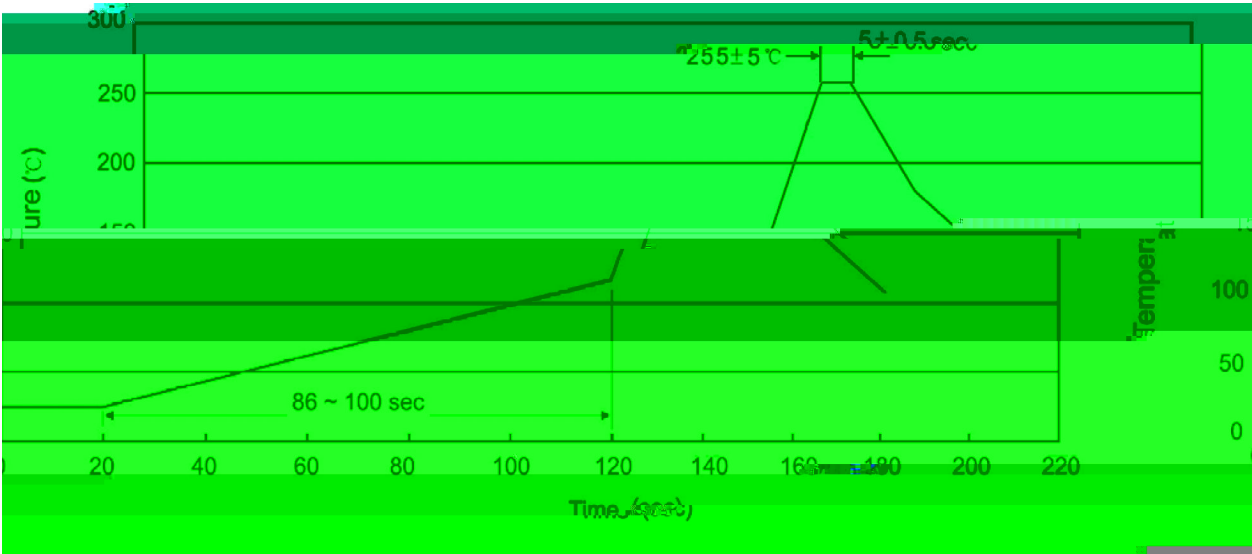
BR

D2012

Note:

BR: Company Code.

() / 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

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