

/ Descriptions

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

/ Features

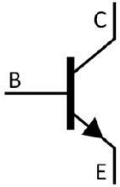
2SB1375

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

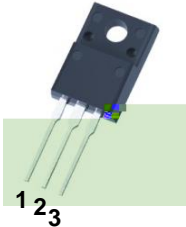
/ Applications

Audio frequency power amplifier applications.

/ Equivalent Circuit



/ Pinning



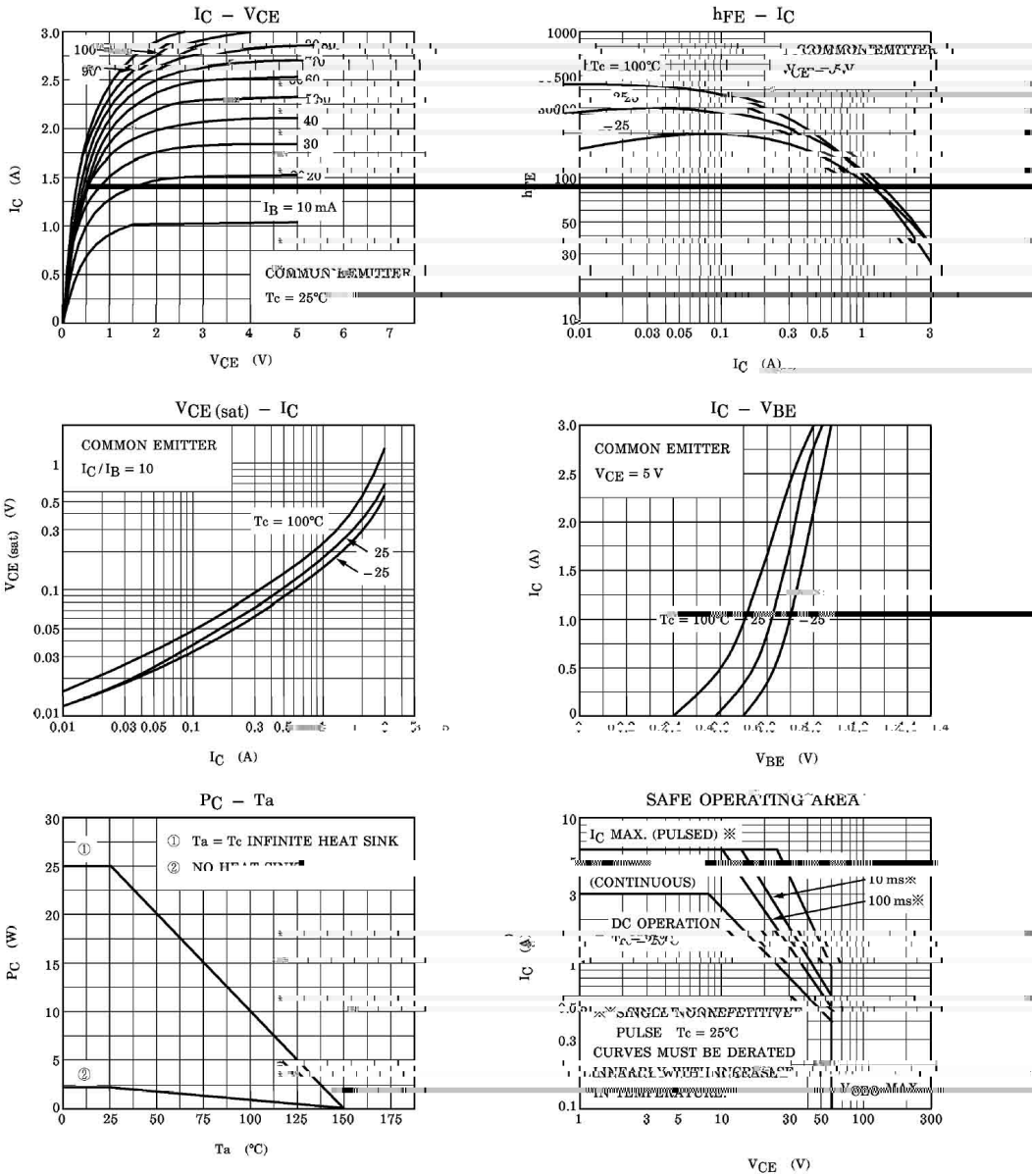
PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

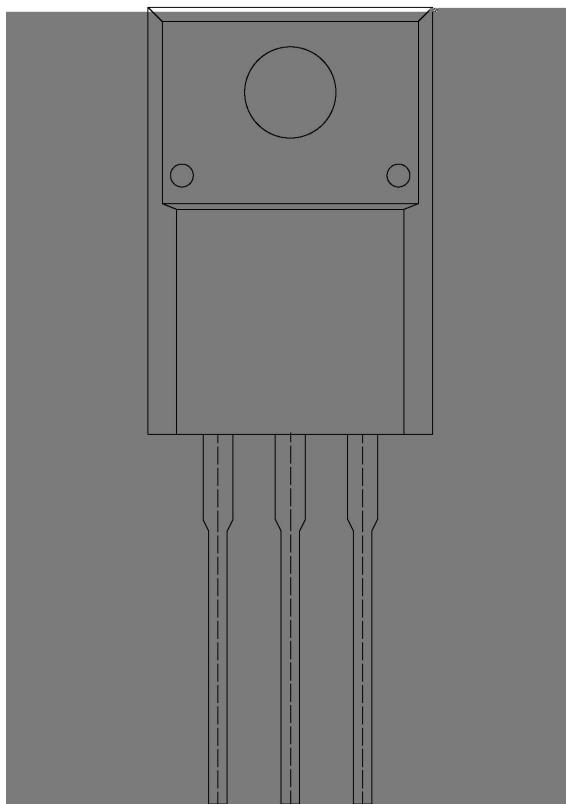
See Marking Instructions.

Parameter	Symbol	f)
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/ Electrical Characteristic Curve



/ Marking Instructions



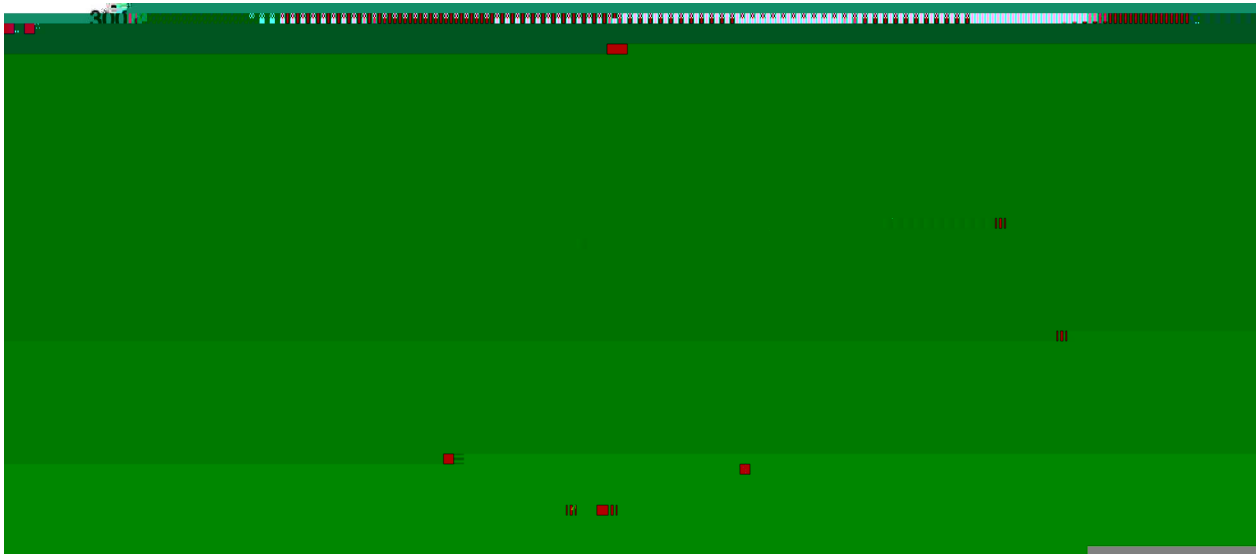
BR

D2012

Note:

BR: Company Code.

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



- | | | | | | | |
|---|-------|-----|-----------|--------|---|--------------------------------------|
| 1 | 25 | 150 | 60 | 90sec; | Note: | 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

/ Packaging SPEC.

/ BULK

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