/ Descriptions

TO-220F NPN Silicon NPN tran5wstor in aTO-220F Plastic Package.

/ Features

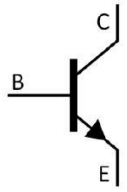
2SB1375

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

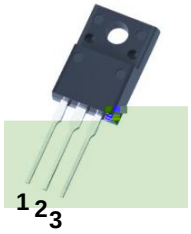
/ Applications

Audio frequency power amplifier applications.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

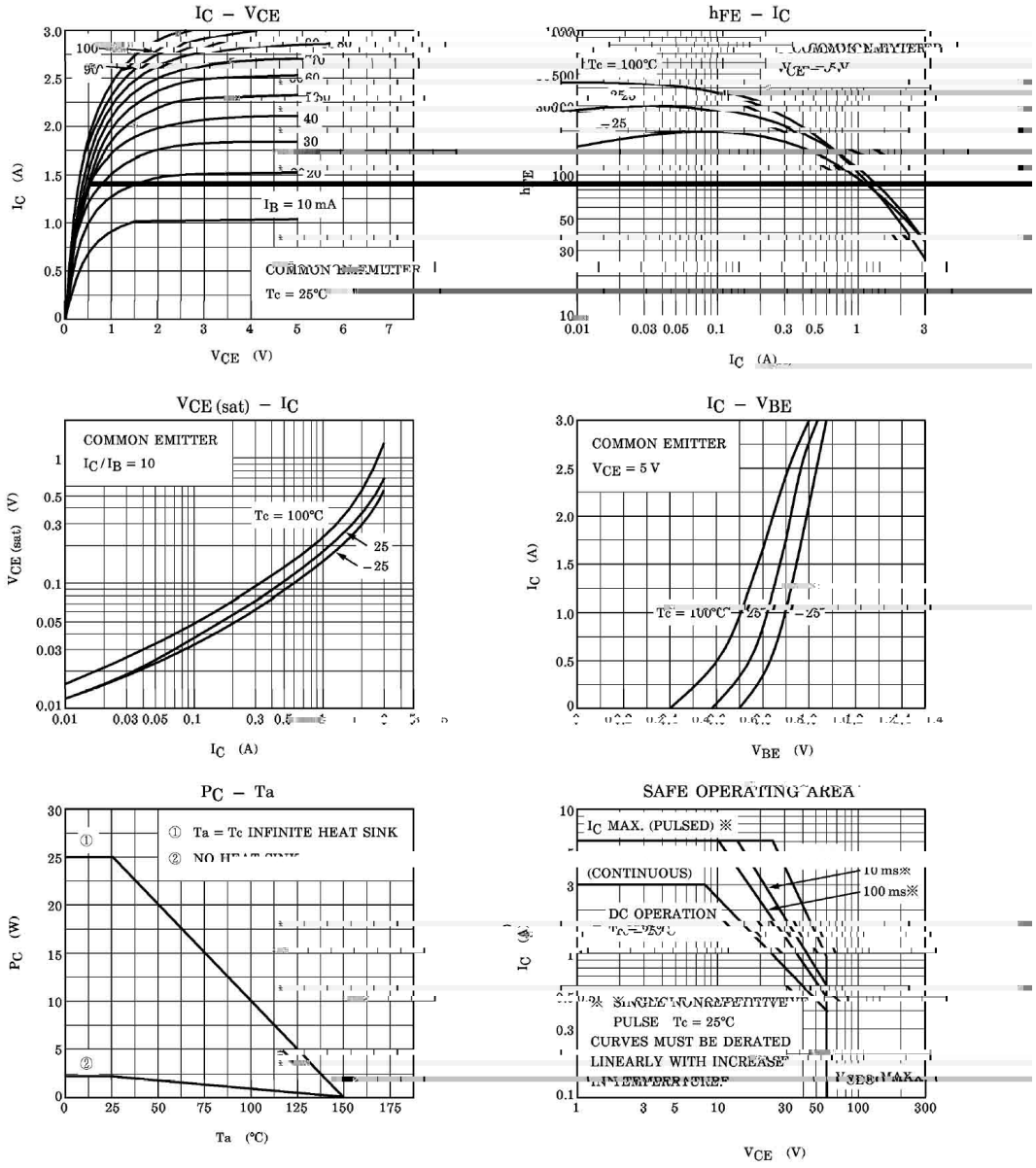
/ h_{FE} Classifications & Marking

See Marking Instructions.

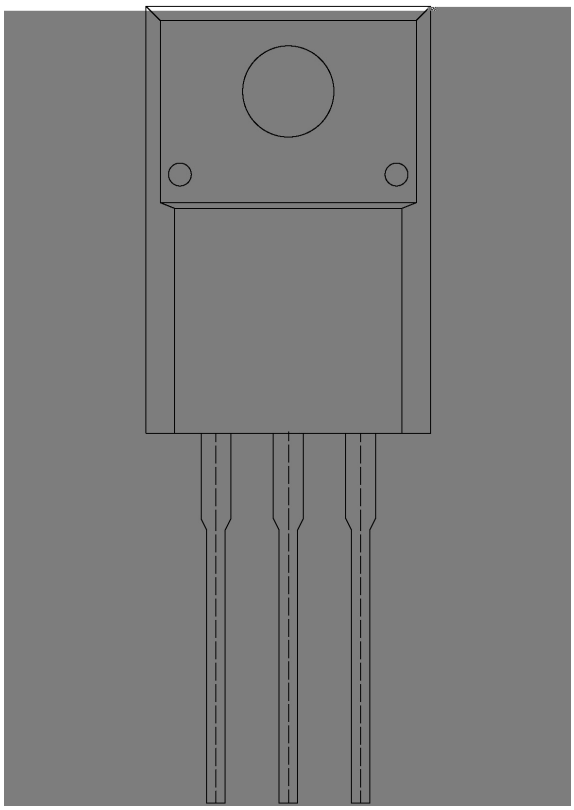
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Parameter Symbol

/ Electrical Characteristic Curve



/ Marking Instructions



BR

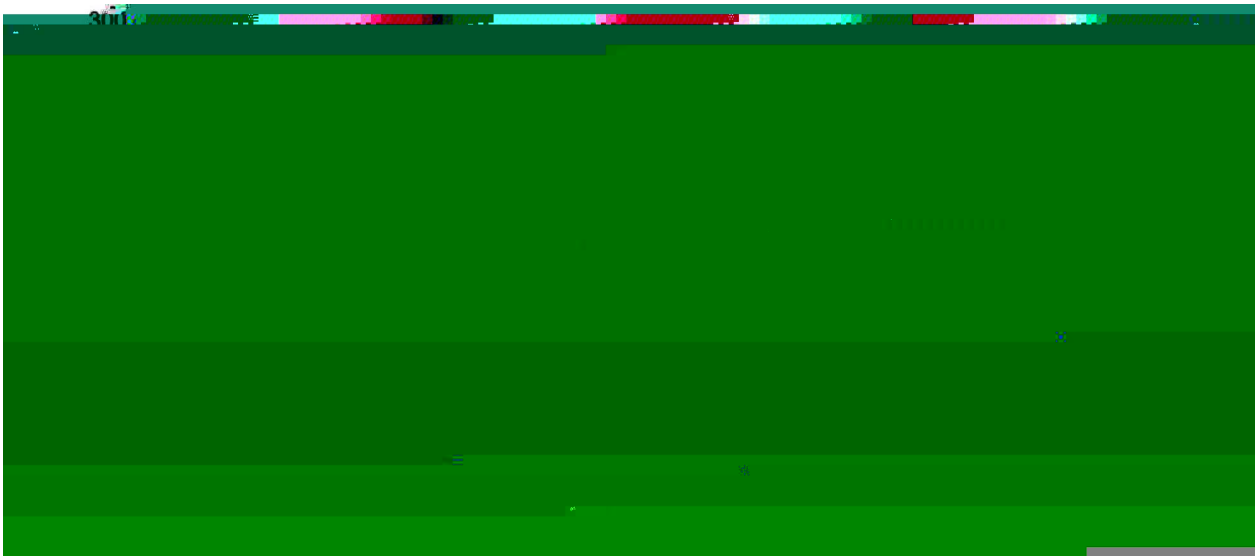
D2012

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Note:

BR: Company Code.

( ) / 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

/ Packaging SPEC.

/ BULK

Package Type	Units					Dimension	(unit mm^3)
	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inn	28454 0.4801 1.26 r12667.485466682		