/ Descriptions

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

/ Features

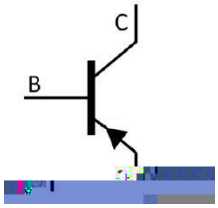
TIP41

Complement to TIP41.

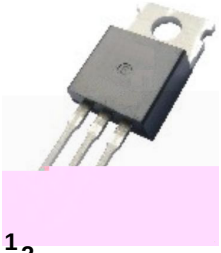
/ Applications

Medium power linear switching applications.

/ Equivalent Circuit



/ Pinning

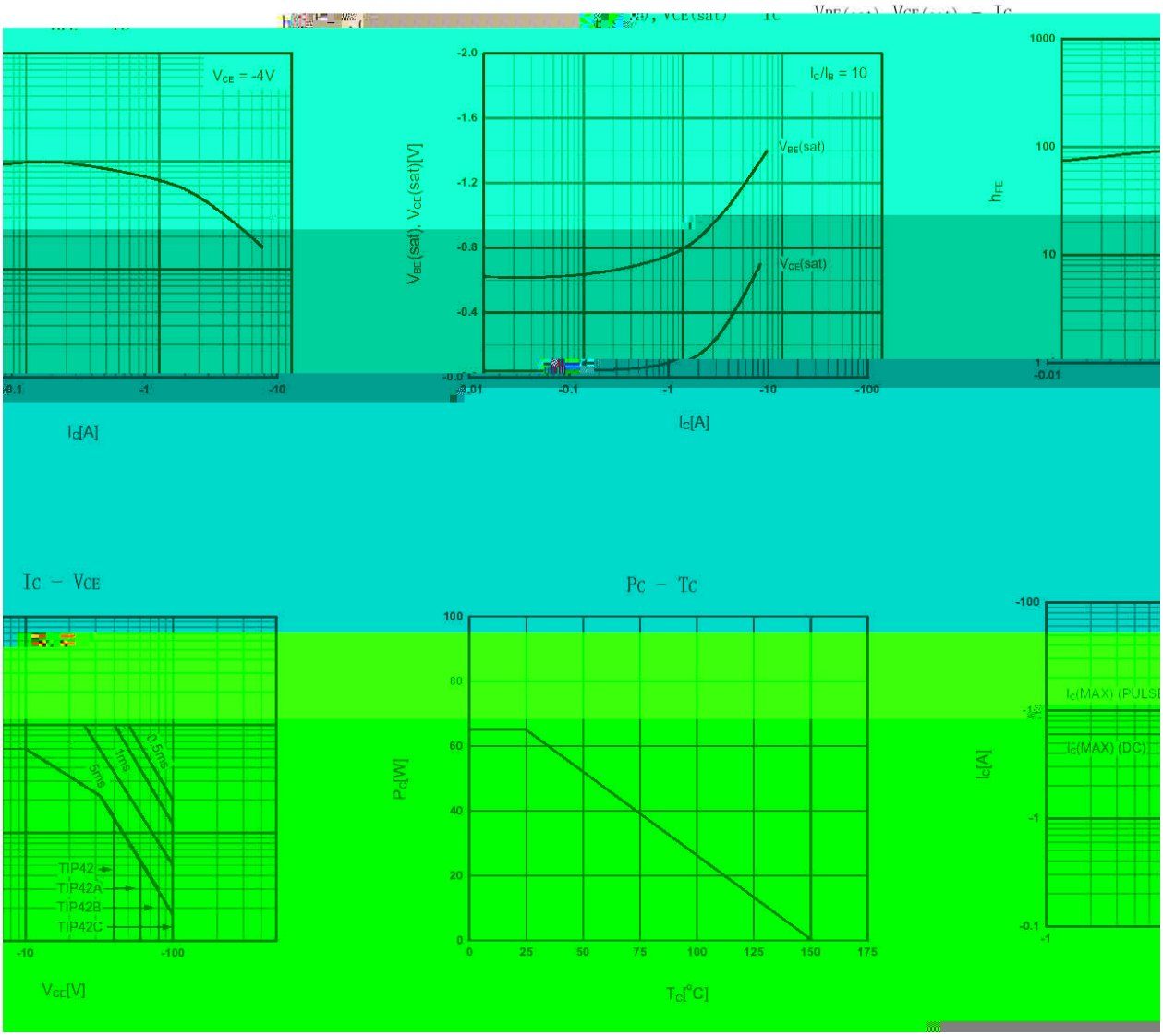


PIN1 Base PIN 2 Collector PIN 3 Emitter

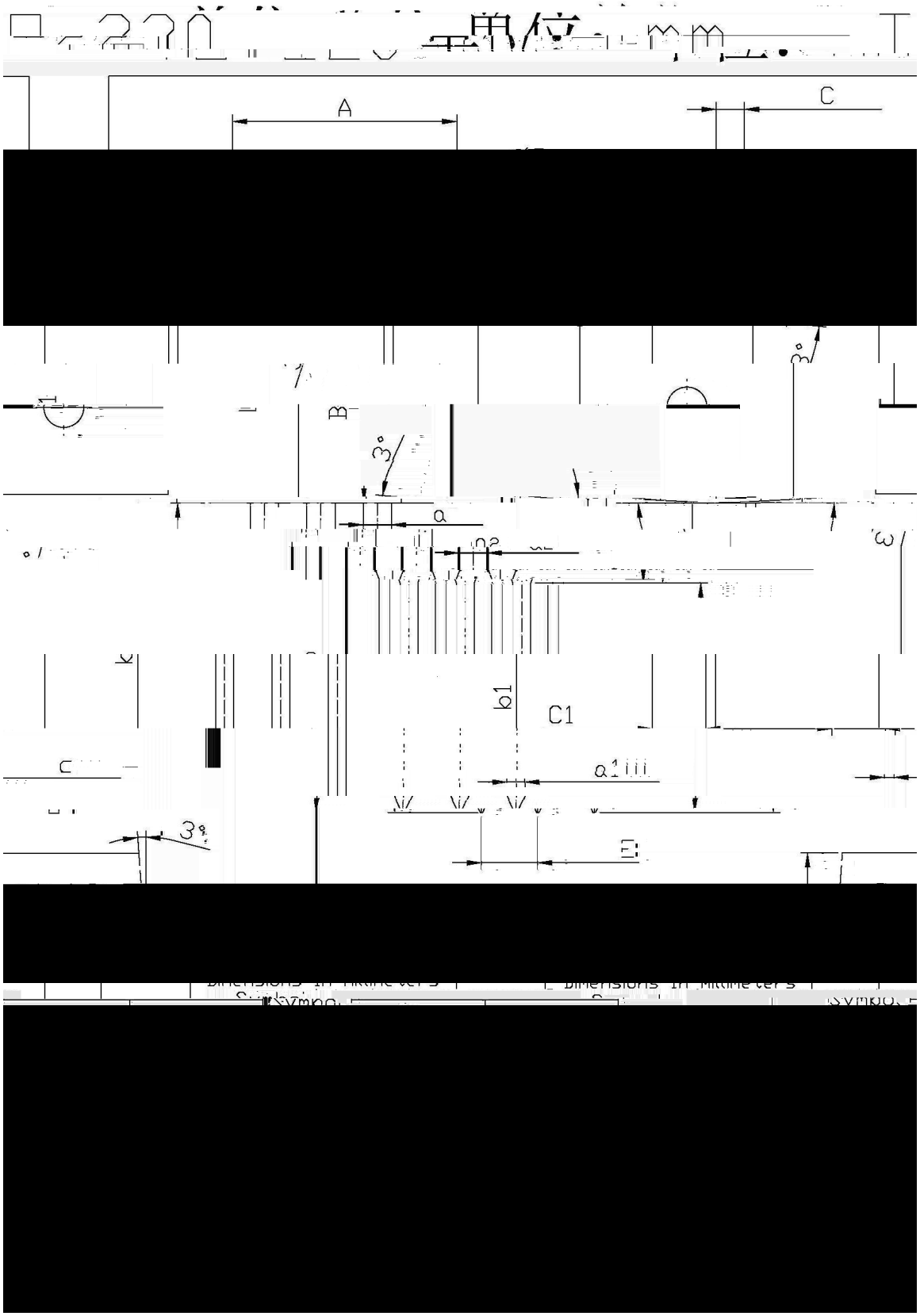
/ h_{FE} Classifications & Marking

See Marking Instructions.

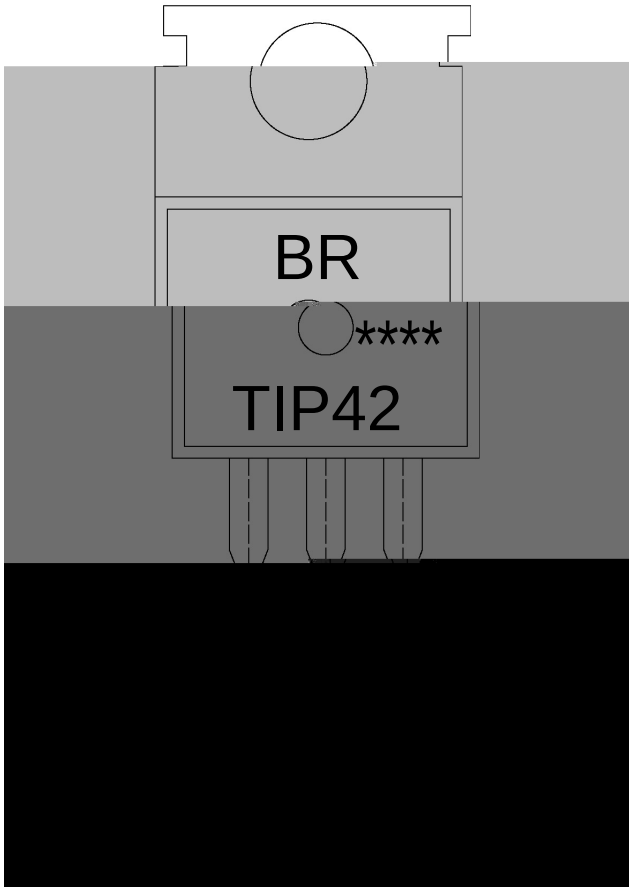
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



BR

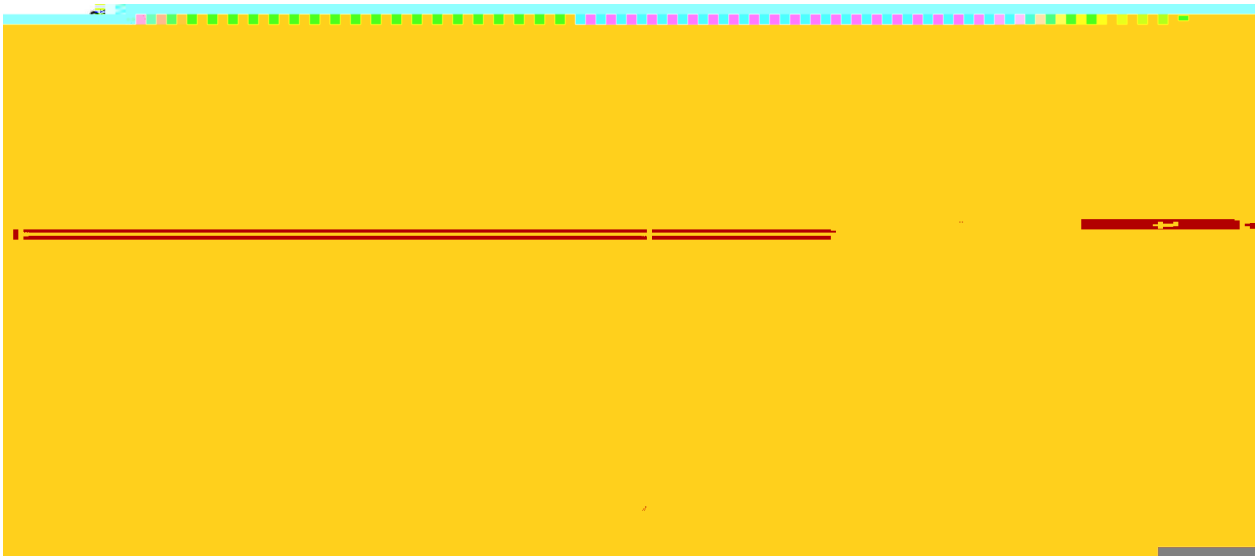
TIP42

****

Note:

BR:	Company Code
TIP42:	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

/ Packaging SPEC.

/ BULK

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