

BD434

Rev.E Mar.-2016

/ Descriptions

TO-126F

PNP

Silicon PNP transistor in a TO-126F Plastic Package.

/ Features

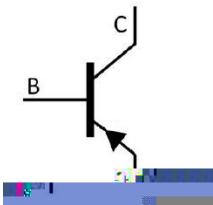
BD433

Complementary pair with BD433.

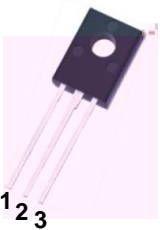
/ Applications

Medium power linear and switching applications.

/ Equivalent Circuit



/ Pinning



PIN1 Emitter

PIN 2 Collector

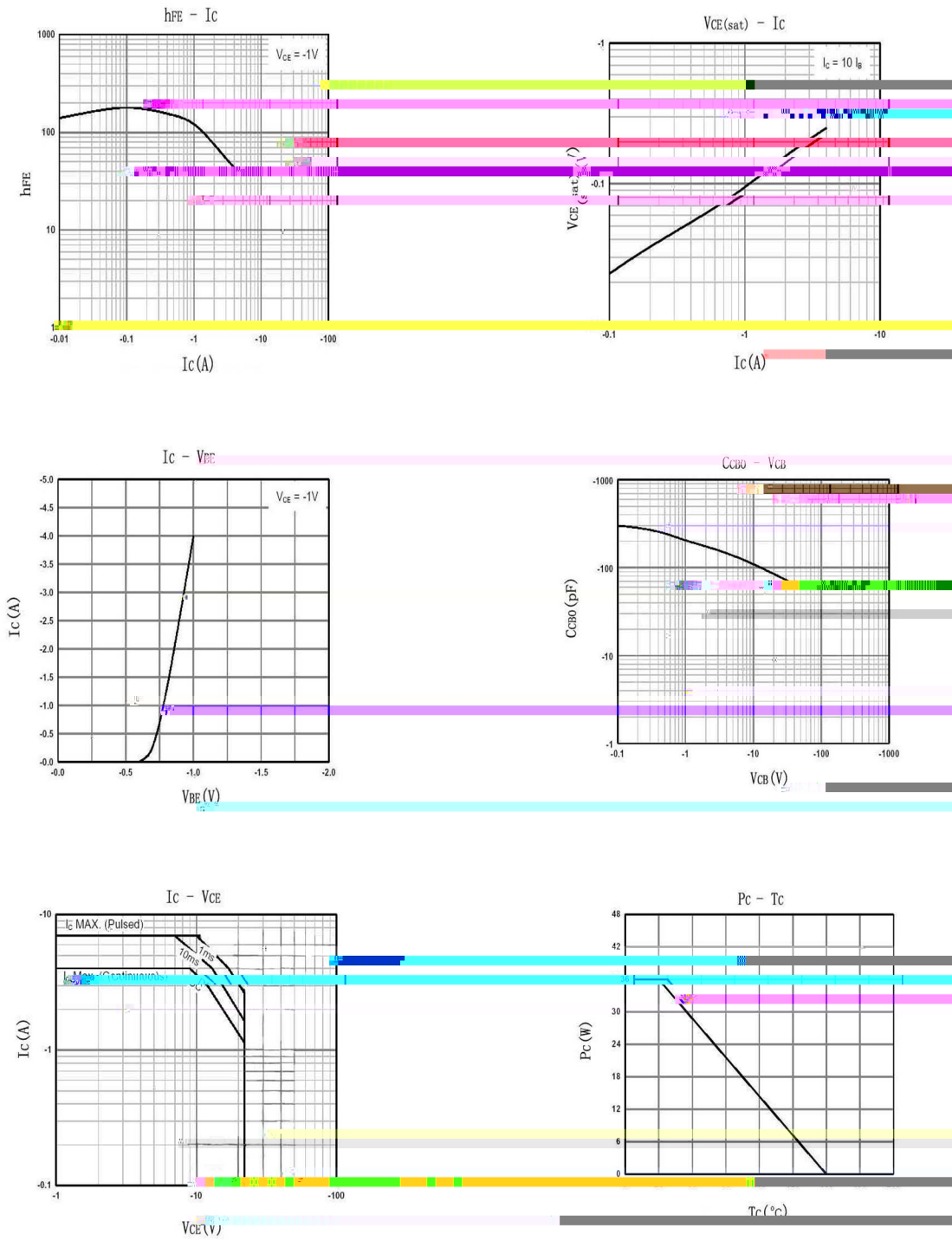
PIN 3 Base

/ h_{FE} Classifications & Marking

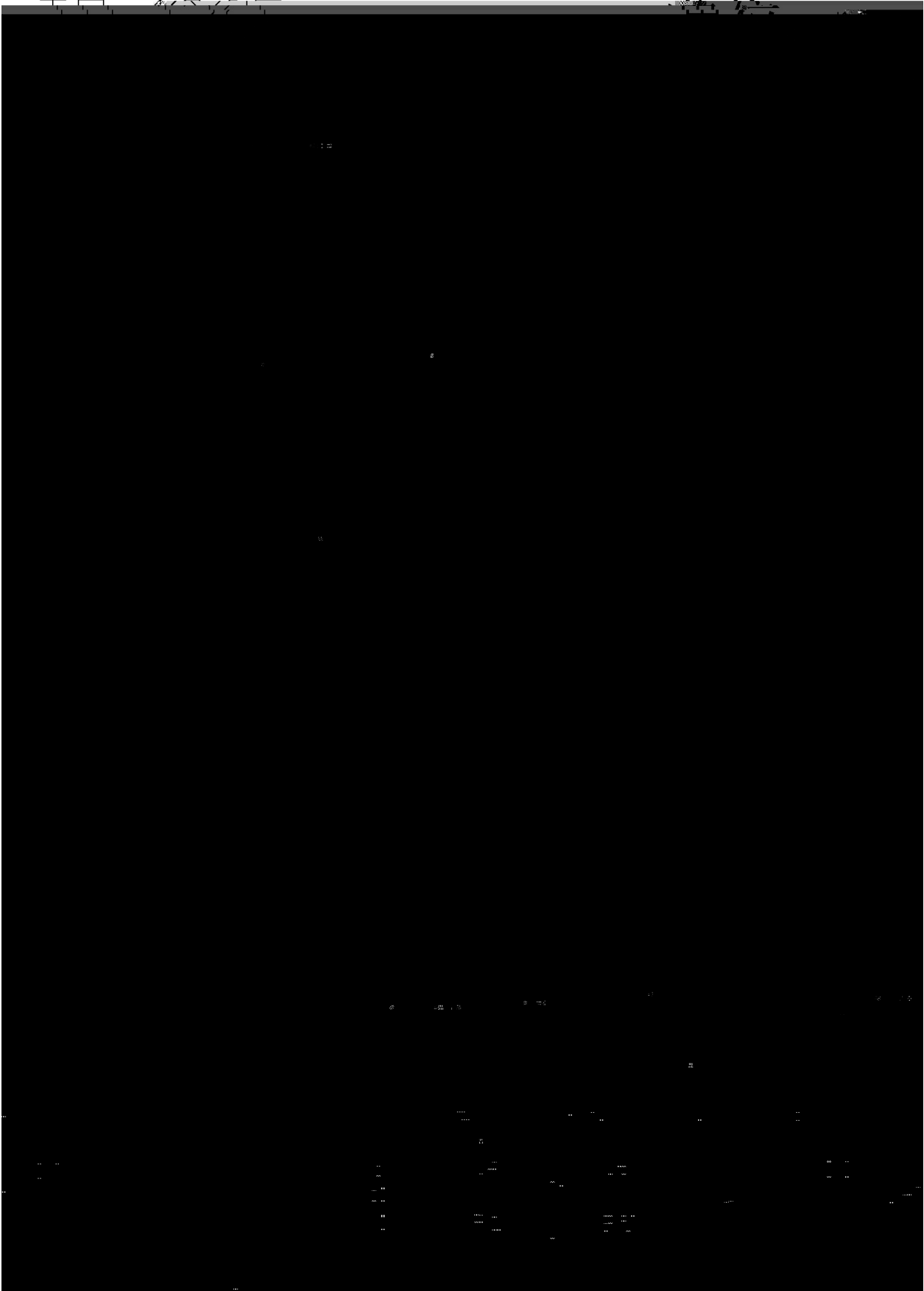
See Marking Instructions

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-22	V

/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



BR

BD434

Note:

BR: Company Code

BD434: 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/Tube	Tubes/Inner Box	Units/Inner Box	Inner Boxes/Outer Boxes	
	/	/	/		