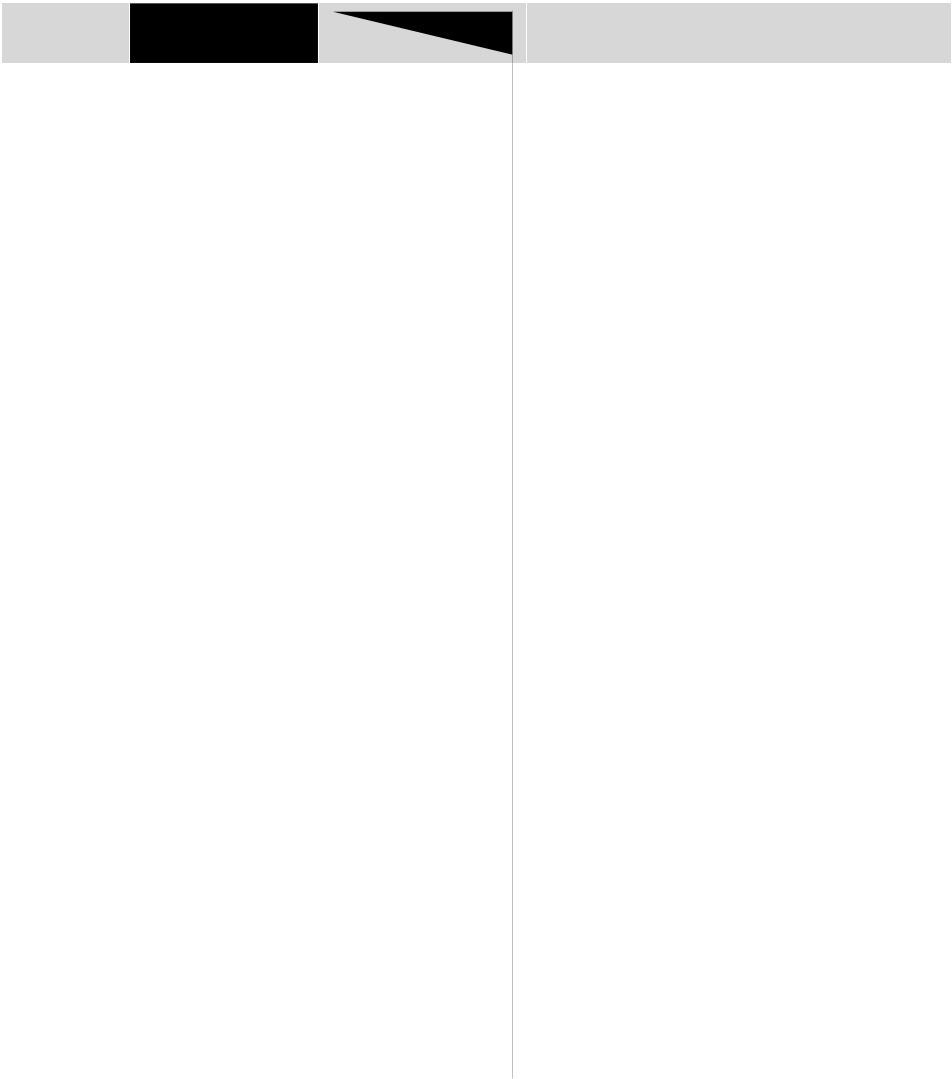
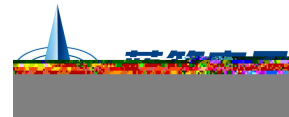




2N4401

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DATA SHEET

/ Descriptions

TO-92 NPN Silicon NPN transistor in a TO-92 Plastic Package.

/ Features

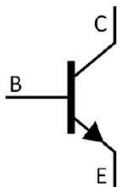
High current, Low voltage.

/ Applications

I_C 500mA

Medium power amplifier and switch requiring collector currents up to 500 mA.

/ Equivalent Circuit



/ Pinning



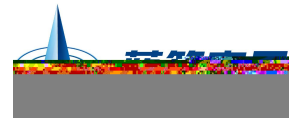
PIN1 Collector PIN 2 Base PIN 3 Emitter

/ h_{FE} Classifications & Marking

See Marking Instructions.

2N4401

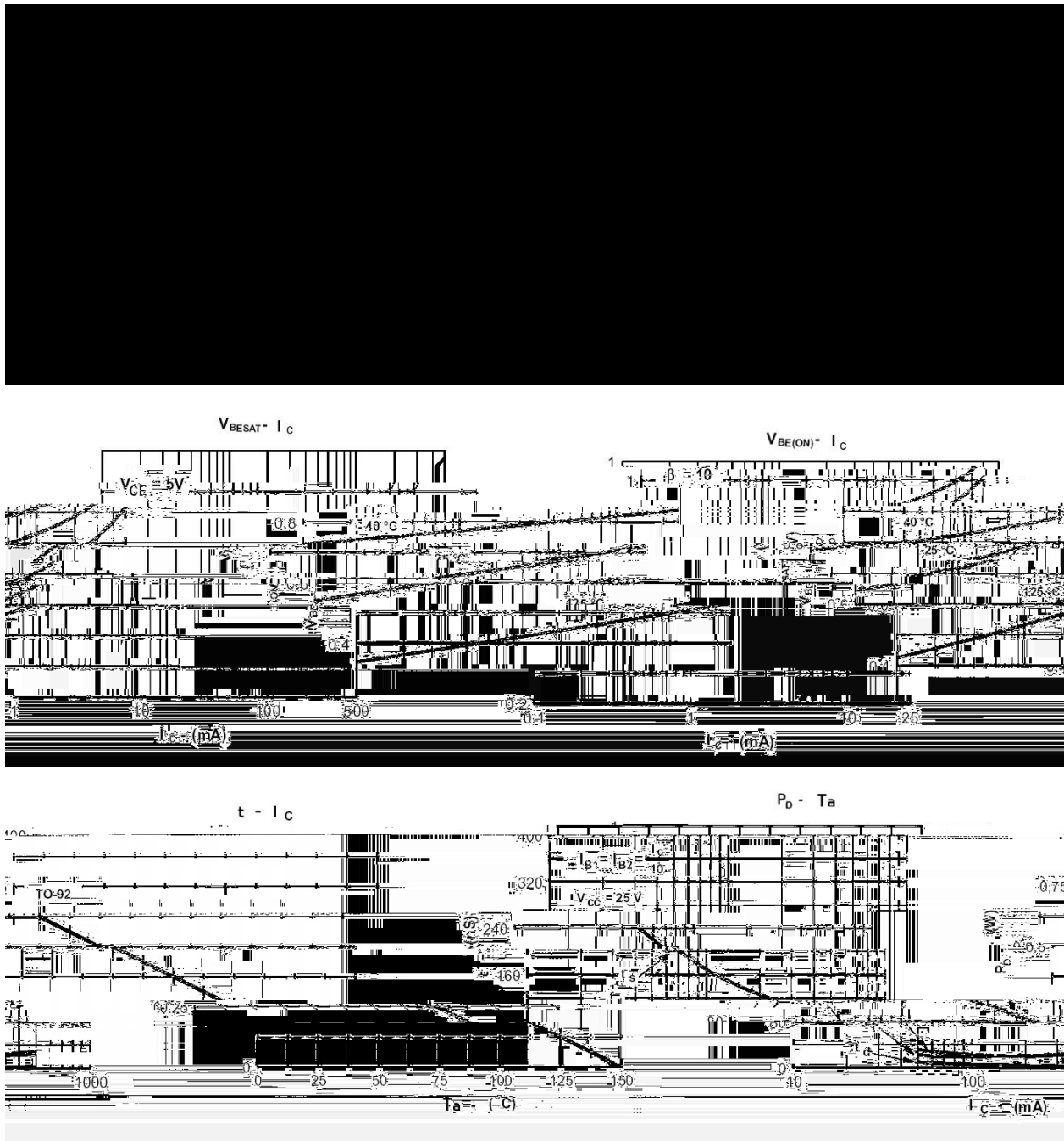
Rev.G Dec.-2021



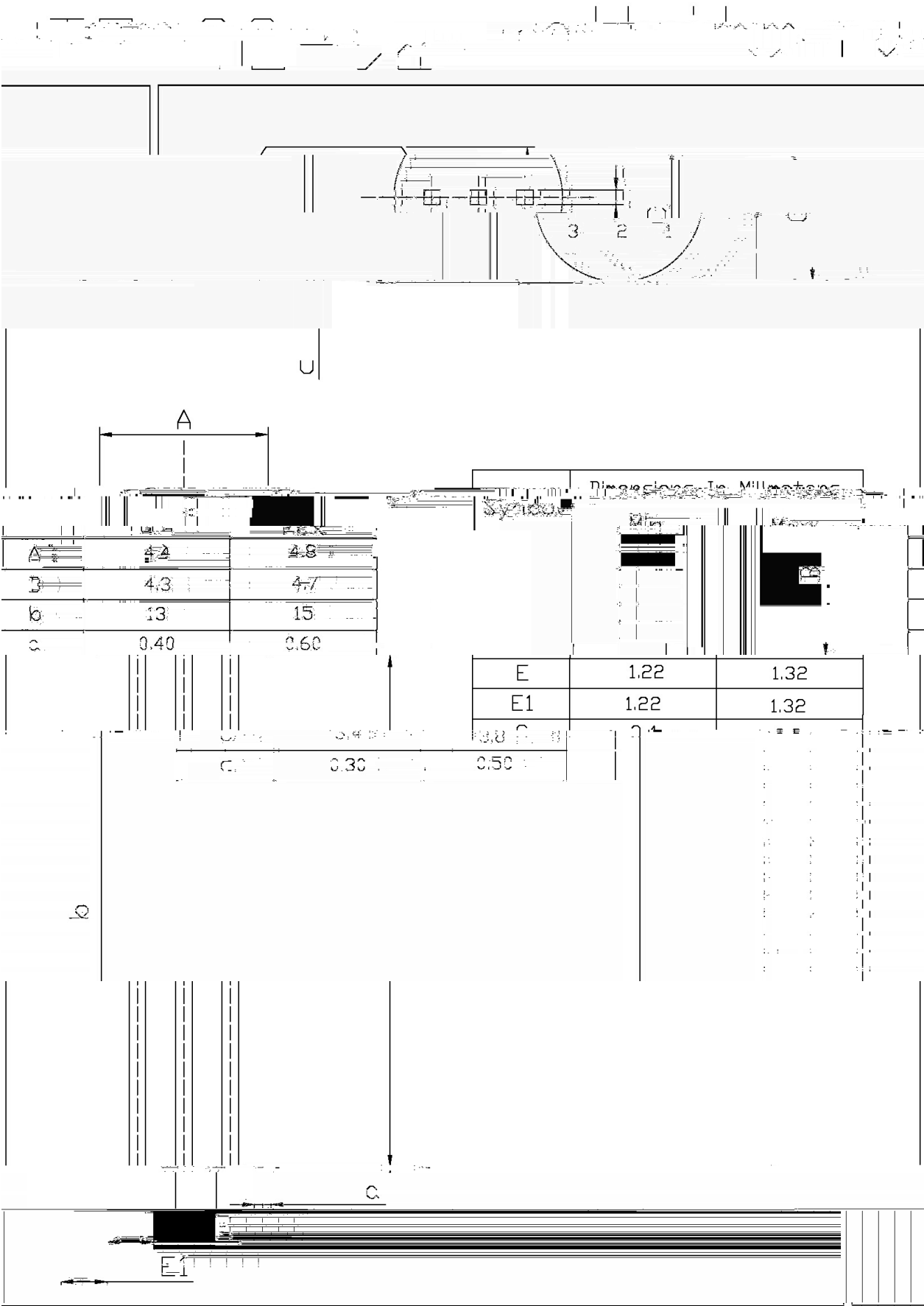
DATA SHEET

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	60	V
Collector to Emitter Voltage	V_{CEO}	40	V

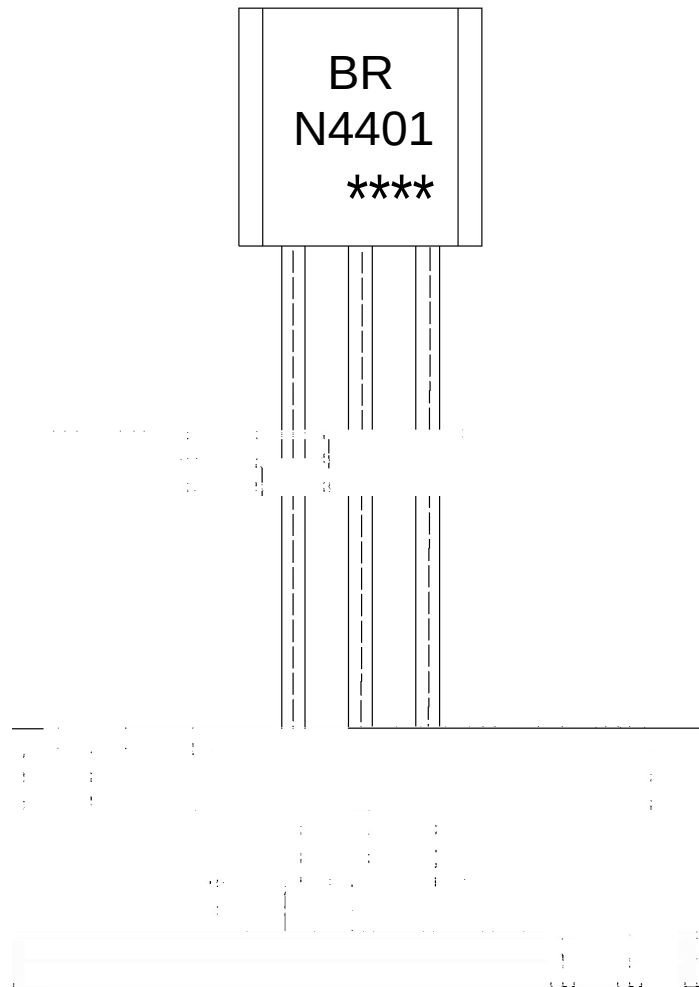
/ **Electrical Characteristic Curve**



/ Package Dimensions



/ Marking Instructions



BR

N4401

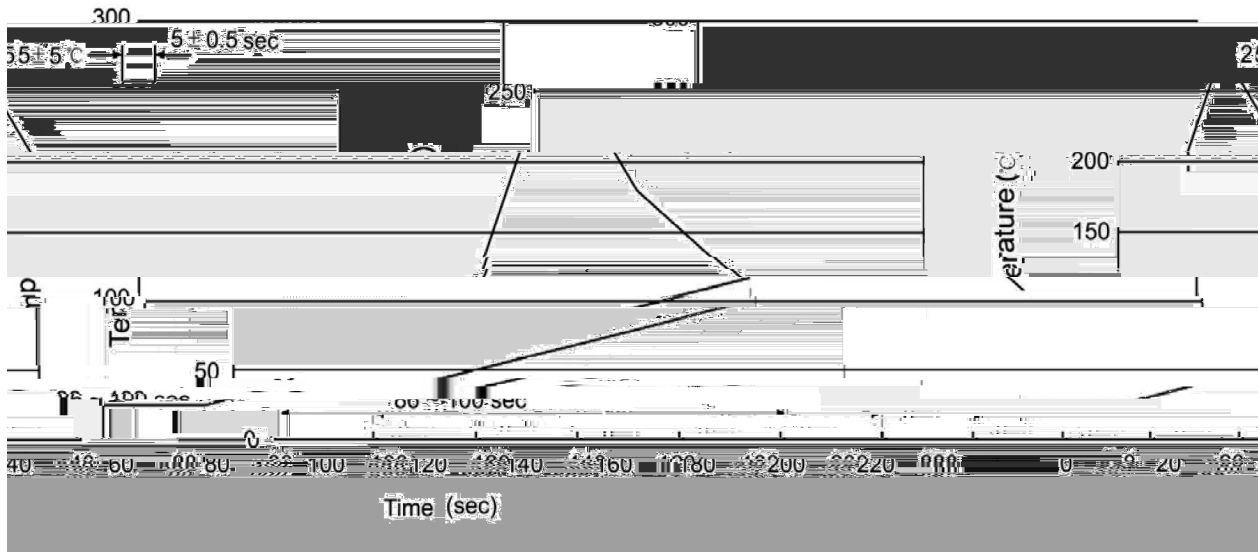
Note:

BR: Company Code.

N4401: Product Type.

****: Lot No. Code, code change with Lot No.

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



Note:

- 1 25 150 60 90sec;
 2 255±5 5±0.5sec;
 3 2 10°C/sec.

- 1.Preheating:25~150°C, Time:60~90sec.
 2.Peak Temp.:255±5°C, Duration:5±0.5sec.
 3. Cooling Speed: 2~10°C/sec.

/ Resistance to Soldering Heat Test Conditions

270±5°C

10±1 sec.

Temp.:270±5°C

Time:10±1 sec

/ Packaging SPEC.

/ BULK

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm3)		
	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Bag 袋	Inner Box 盒	Outer Box 箱
TO-92	1,000	10	10,000	5	50,000	135×190	237×172×102	560×245×195
	1,000	10	10,000	10	100,000	135×190	237×172×102	560×245×375

/ AMMO

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm3)	
	Units/tape /	Tape/Inner Box /	Rows/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Inner Box 盒	Outer Box 箱
TO-92	3,000	1	120	10	30,000	328×230×42	小箱 480×346×235, 大箱 547×407×268

/ Notices