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2N4401

Rev.G Dec.-2021



DATA SHEET

描述 / Descriptions

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

特征 / Features

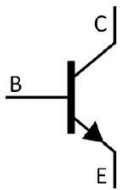
High current, Low voltage.

用途 / Applications

I_C 500mA

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

内部等效电路 / Equivalent Circuit



引脚排列 / Pinning



PIN1 Collector PIN 2 Base PIN 3 Emitter

放大及印章代码 / h_{FE} Classifications & Marking

See Marking Instructions.

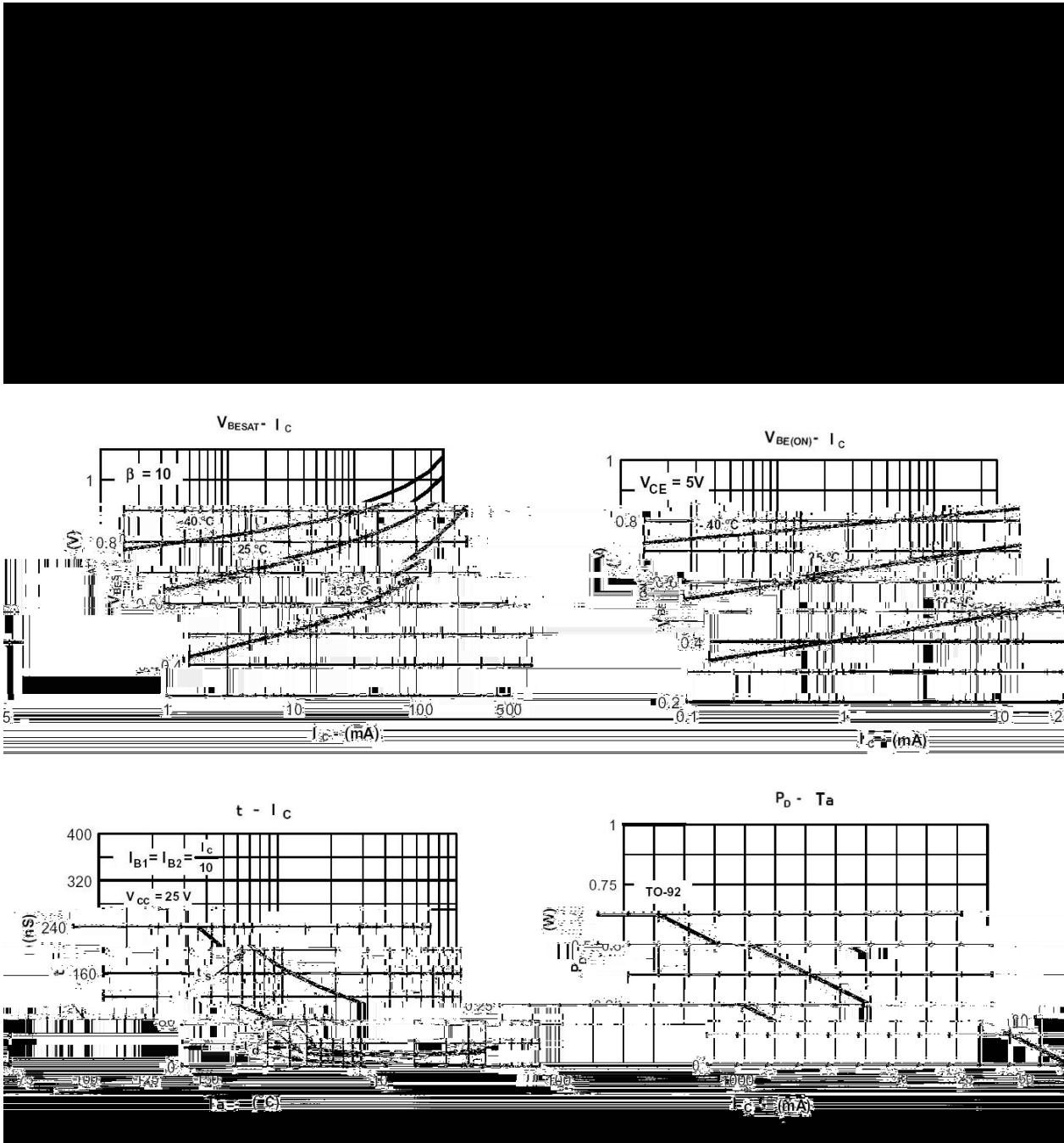


DATA SHEET

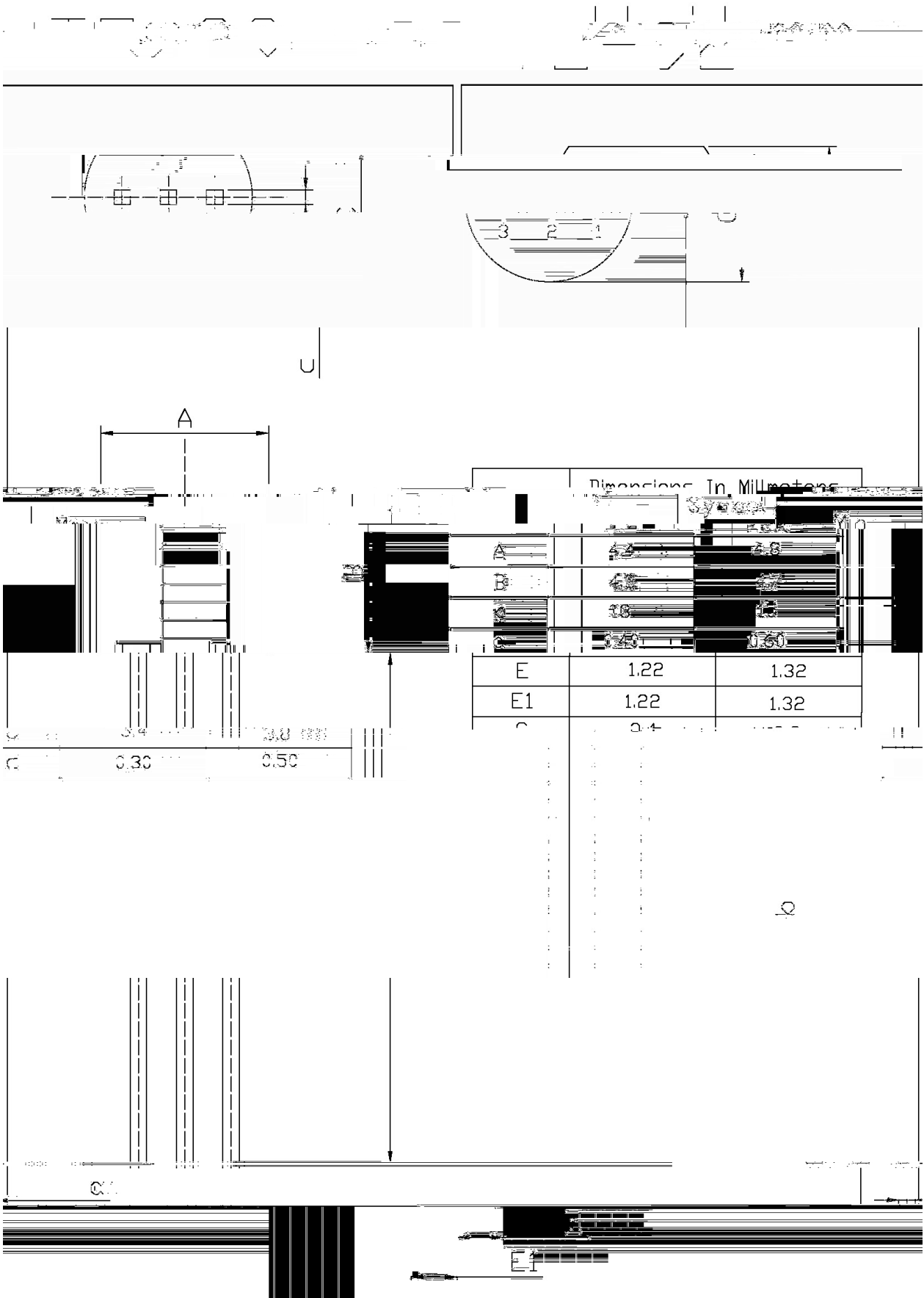
C
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Symbol	Rating	Unit
V _{CRP}	60	V
	40	V

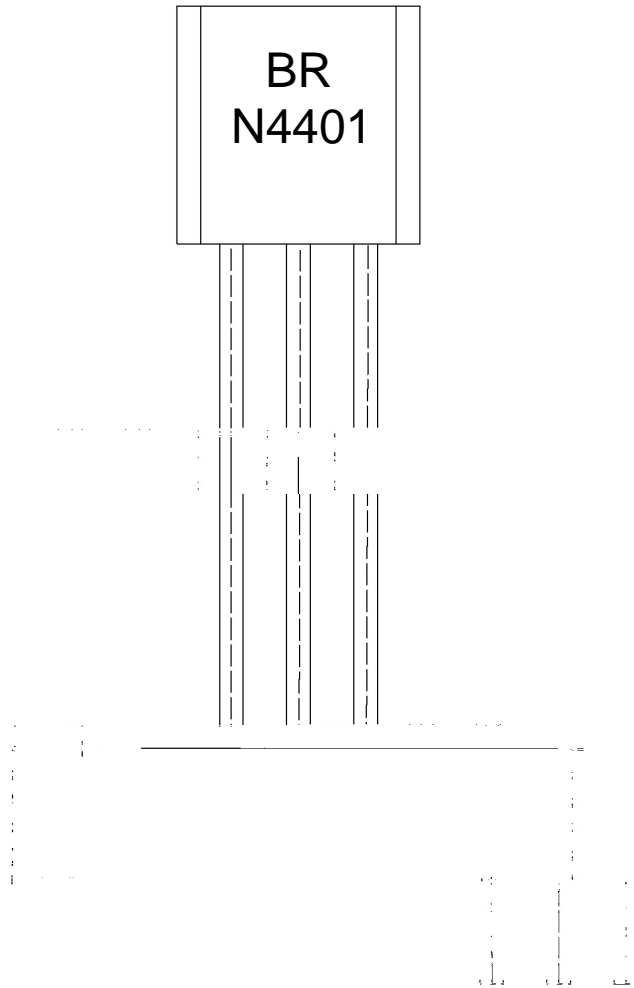
电参数曲线图 / Electrical Characteristic Curve



外形尺寸图 / Package Dimensions



印章说明 / Marking Instructions



BR

N4401

Note:

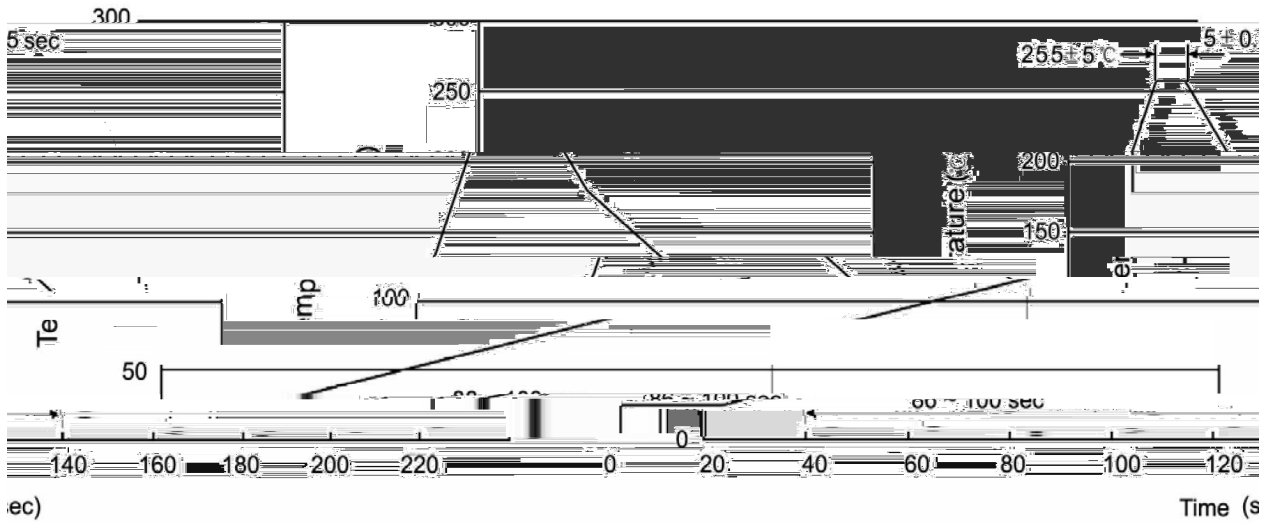
BR: Company Code.

N4401: Product Type.

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



波峰焊温度曲线图(无铅) / Temperature Profile for Dip Soldering(Pb-Free)



Note:

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

耐焊接热试验条件 / Resistance to Soldering Heat Test Conditions

270±5°C 10±1 sec. Temp.:270±5°C Time:10±1 sec

包装规格 / Packaging SPEC.

/ BULK

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm3)		
	只袋	袋盒	只盒	盒箱	只箱	袋	盒	箱

/ AMMO

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm3)	
	只纸带	纸带盒	纸带层盒	盒箱	只箱	盒	箱
						小箱	大箱

使用说明 / Notices