2SC2654

Rev.H Oct.-2018

蓝箭电子 BLUE ROCKET ELECTRONICS

DATA SHEET

/ Descriptions

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

/ Features

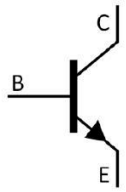
, 2SA1129

Large current capacity with small package, low collector saturation voltage, pair with 2SA1129.

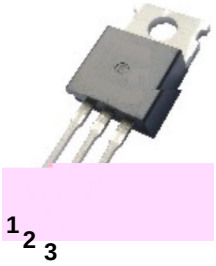
/ Applications

For low-frequency power amplifiers and mid-speed switching.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

h_{FE} Classifications Symbol	M	L	K	J
h_{FE} Range	40 80	60 120	100 200	160 320

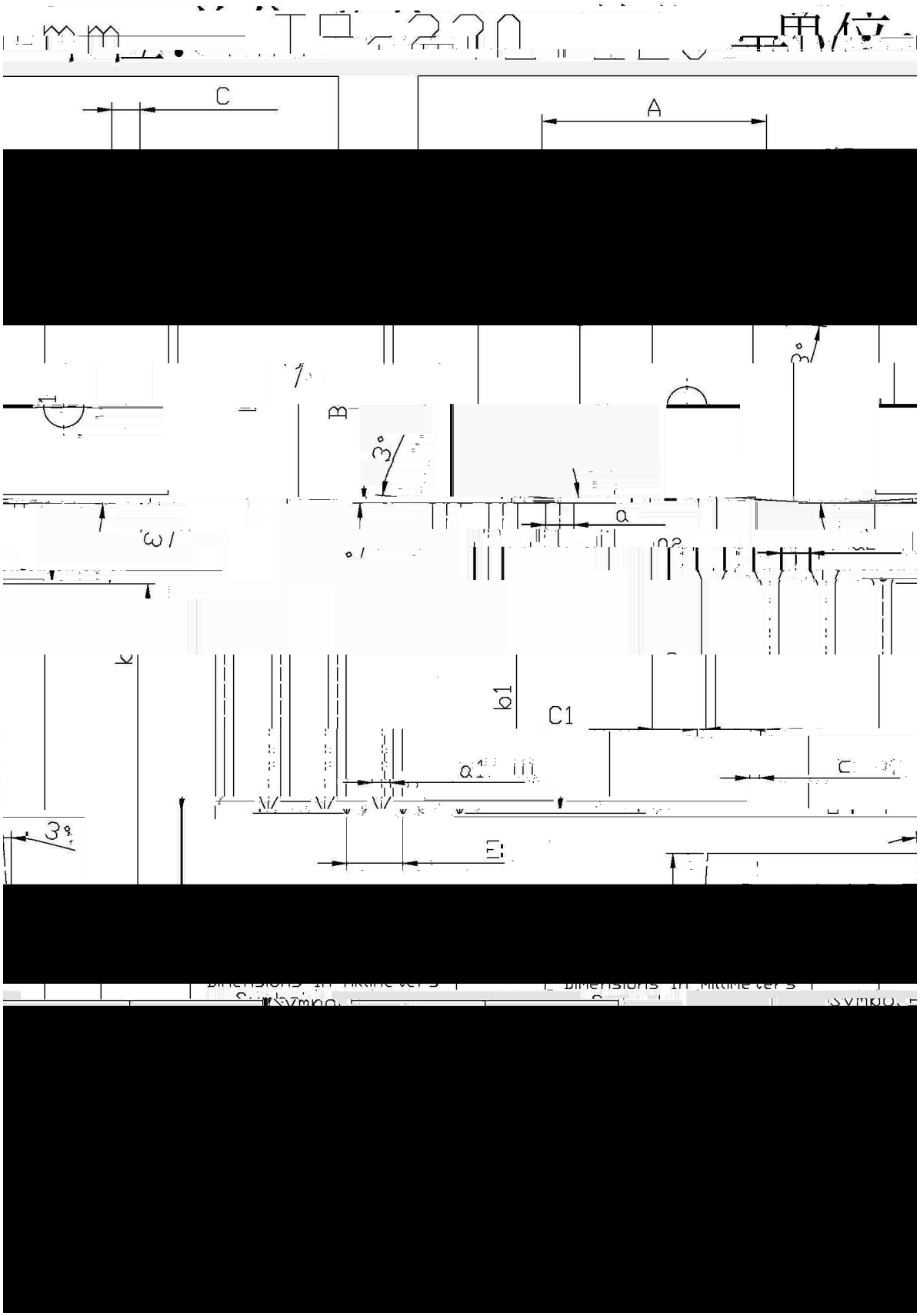
Parameter	Symbol	[redacted]ting	Unit
ollector to Base Voltage	V_{CBO}	00	V
ollector to Emitter Voltage	V_{CEO}		

/ Electrical Characteristic Curve

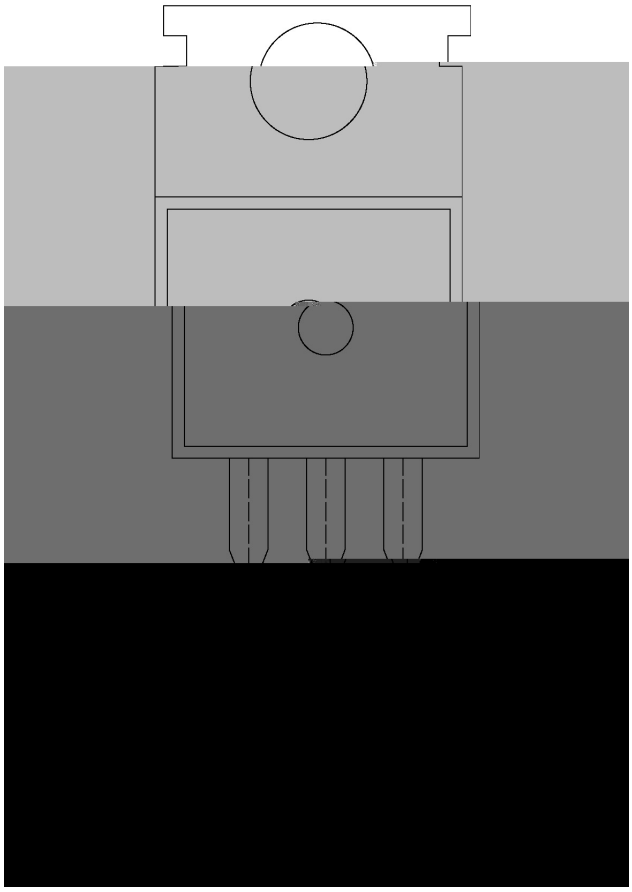
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/ Package Dimensions



/ Marking Instructions



BR

C2654

M: h_{FE}

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Note:

BR: Company Code

C2654: Product Type.

M: h_{FE} Classifications Symbol

****:

( ) / 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 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm^3)		
	只 袋	袋 盒	只 盒	盒 箱	只 箱	袋	盒	箱

/ TUBE

Package Type 封装形式	Units 包装数量	Dimension 包装尺寸 (unit: mm^3)
	只 套管	