/ Descriptions

Silicon NPN transistor in a TO-220 Plastic Package.

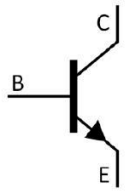
/ Features

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

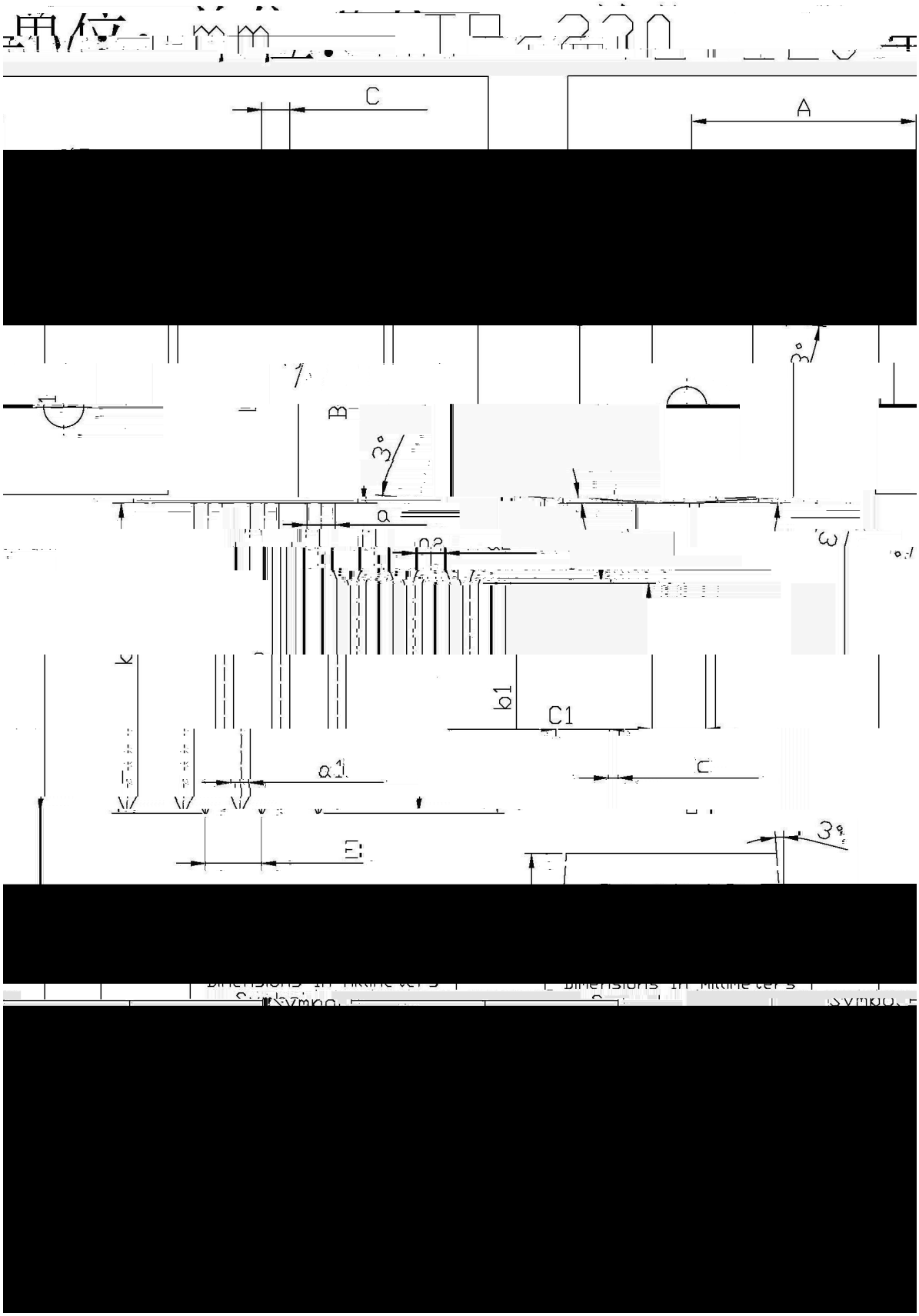
Parameter	Symbol	[redacted]ting	Unit
ollector to Base Voltage	V_{CBO}	00	V
ollector to Emitter Voltage	V_{CEO}		

/ Electrical Characteristic Curve

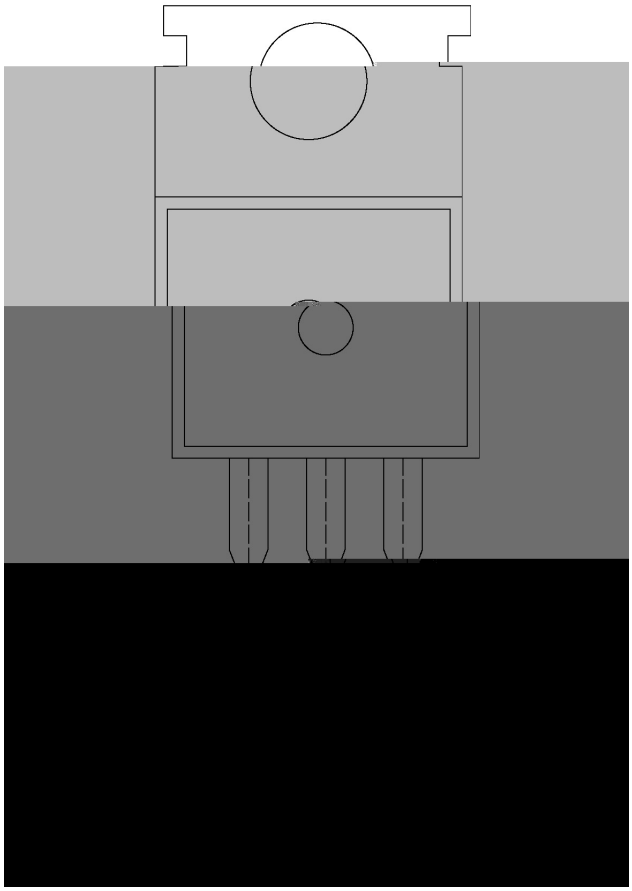
€



/ Package Dimensions



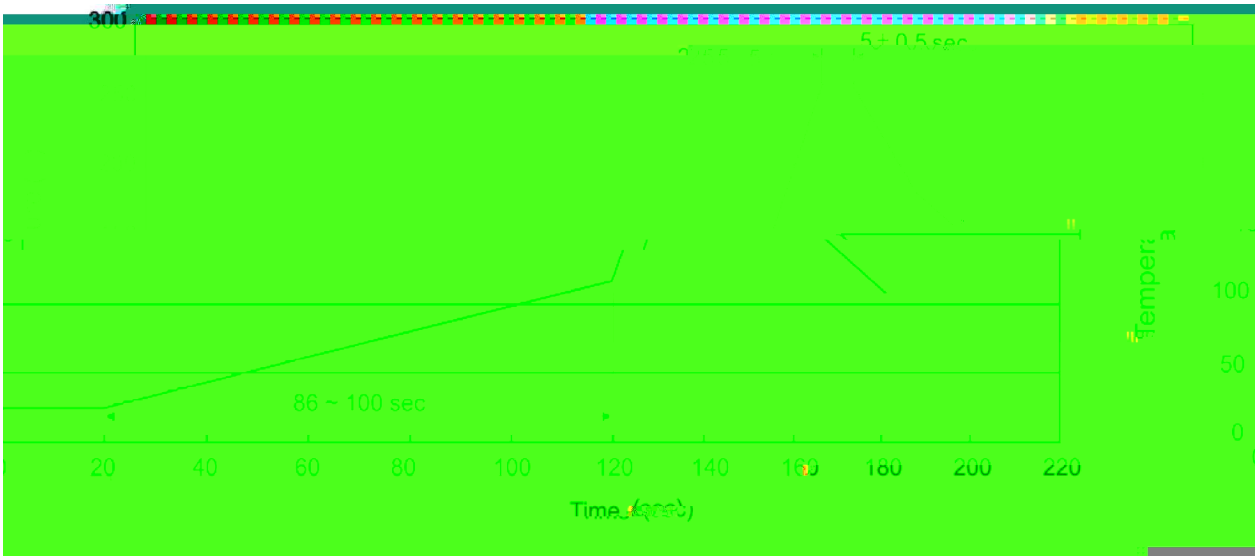
/ Marking Instructions



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	