# 2SA1129

Rev.H Oct.-2018

DATA SHEET

## / Descriptions

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

## / Features

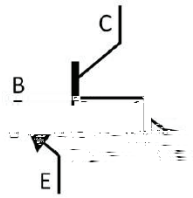
, 2SC2654

Large current capacity with small package, low collector saturation voltage, pair with 2SC2654.

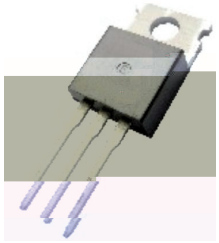
## / Applications

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

## / Equivalent Circuit




## / Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

## / $h_{FE}$ Classifications & Marking

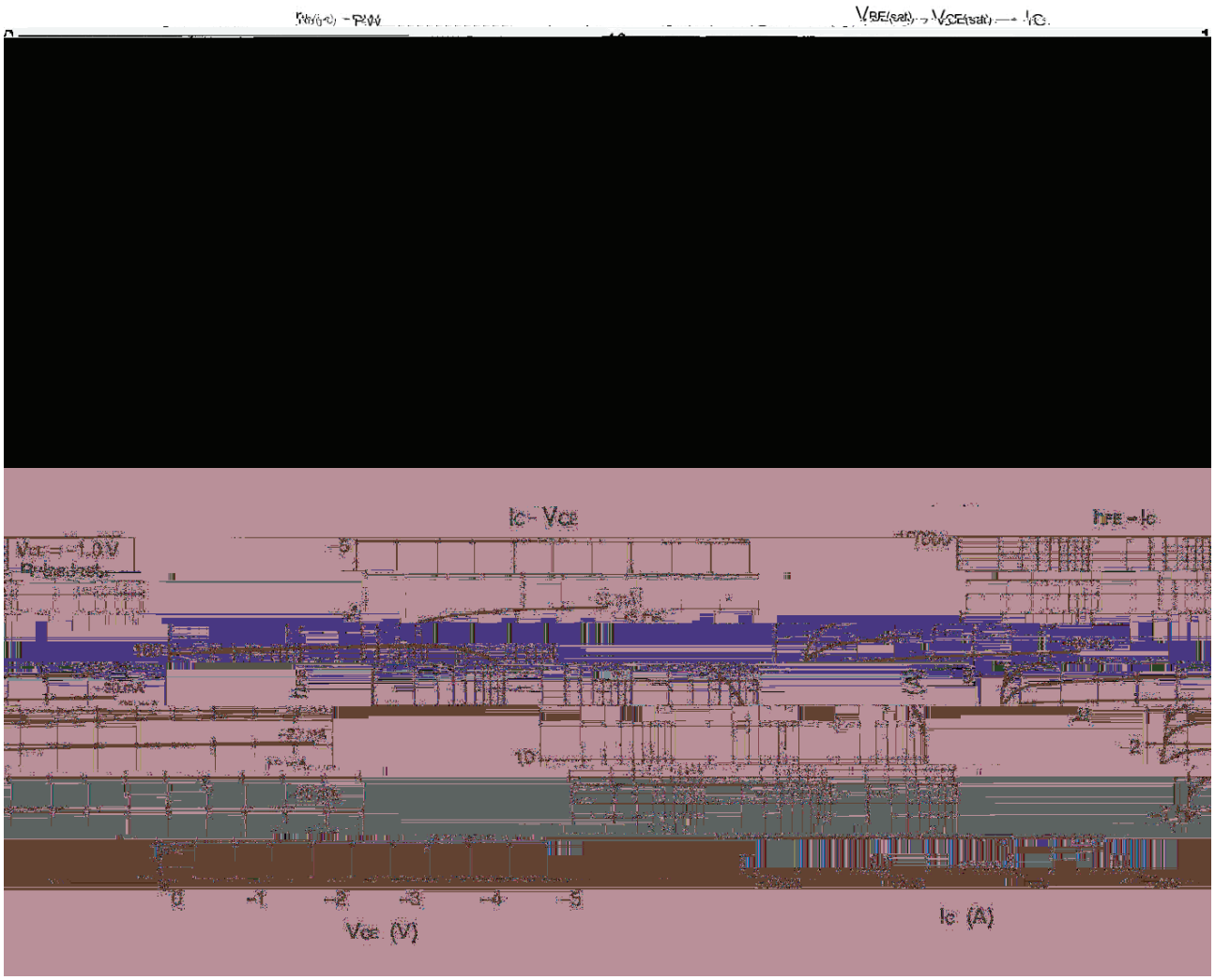
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$h_{FE}$ Classifications
Symbol

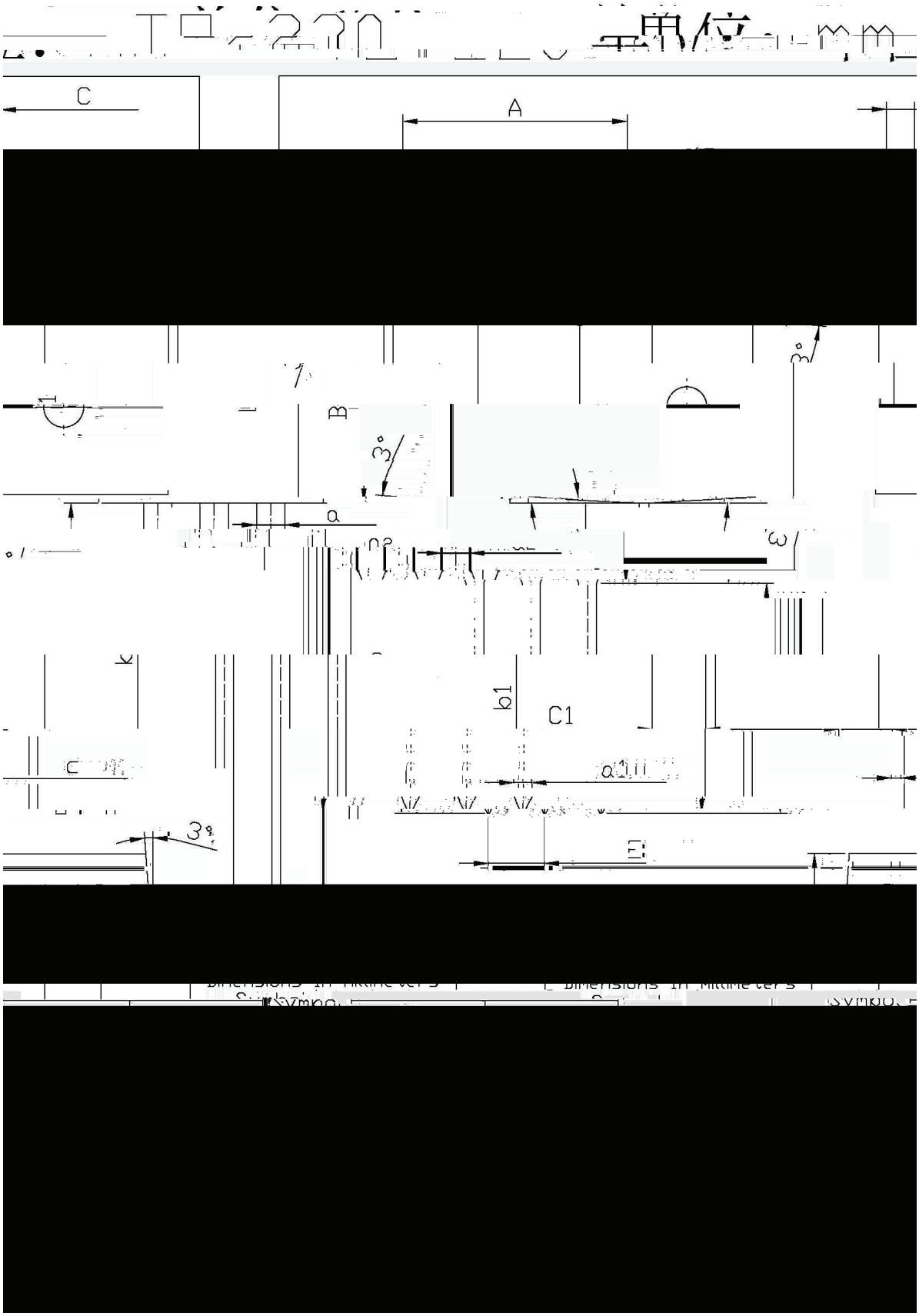
| Parameter | Symbol | Rating | Unit |
|---|---|---|---|
| Collector to Base Voltage | $V_{CBO}$ | -100 | V |
| Collector to Emitter Voltage | $V_{CEO}$ | -40 | V |
| Emitter to Base Voltage | $V_{EBO}$ | -7.0 | V |
| Collector Current - Continuous | $I_C$ | -7.0 | A |
| Collector Current – Continuous(Pulse) | $I_{CP}$ | -15 | A |
| Base Current - Continuous | $I_B$ | -3.5 | A |
| Collector Power Dissipation | $P_C(T_C=25\ \ )$ | 40 | W |
| | $P_C$ | 1.5 | W |

## / Electrical Characteristic Curve



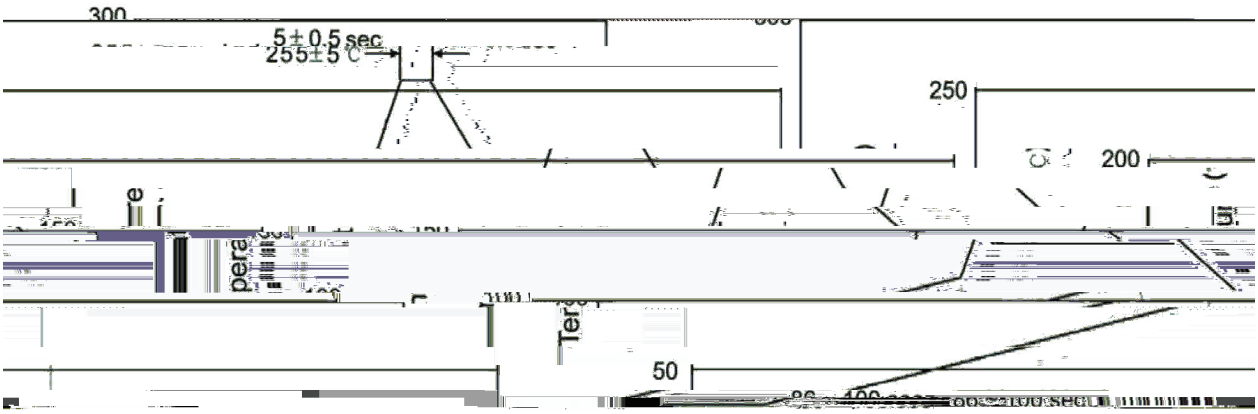


## / Package Dimensions



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## ( ) / 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. |

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