

**/ Descriptions**

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

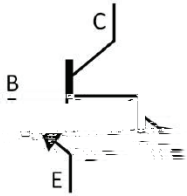
**/ Features**

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

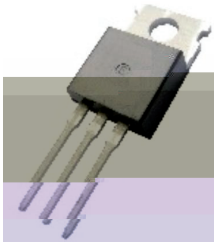
**/ Applications**

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

**/ Equivalent Circuit**



**/ Pinning**



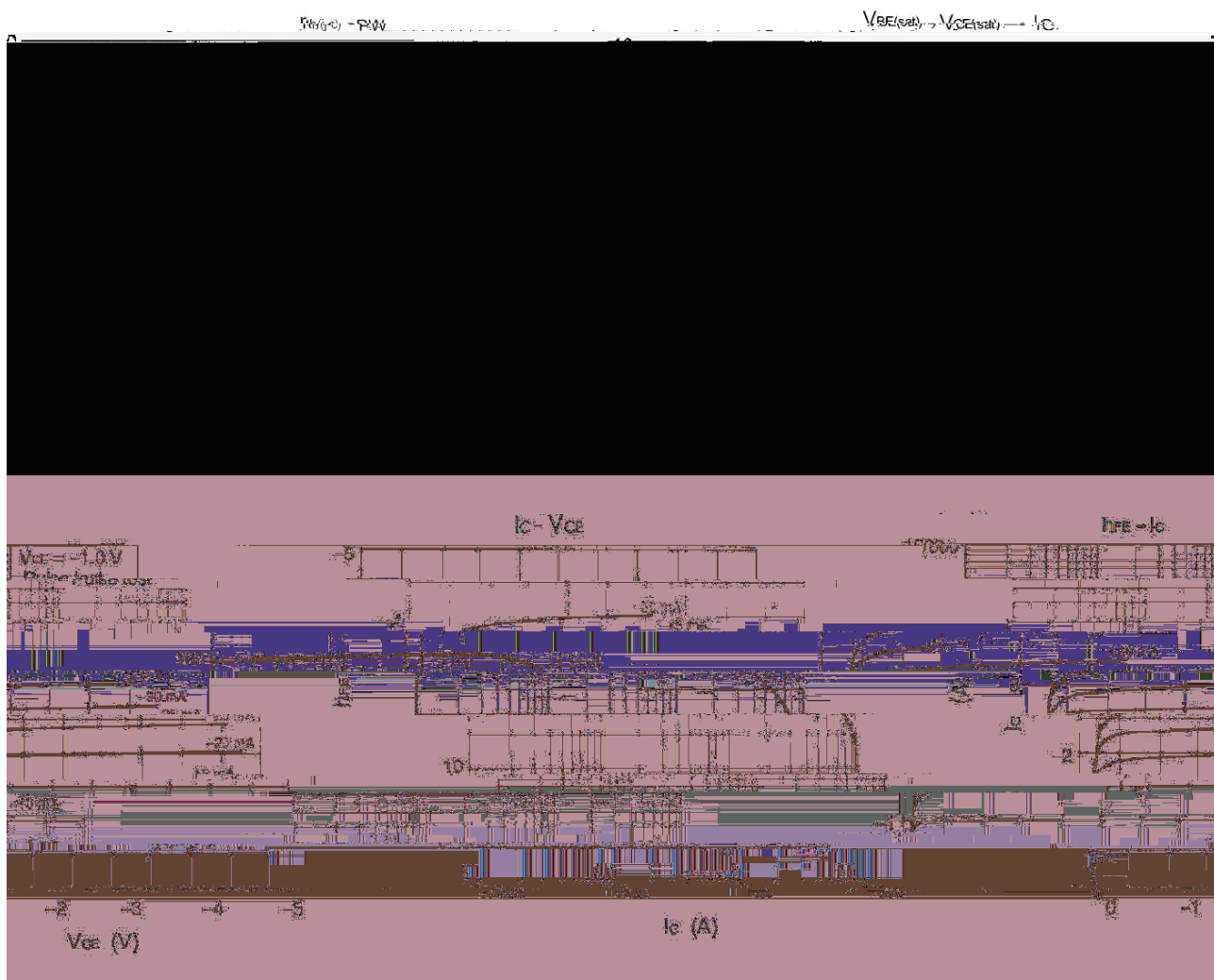
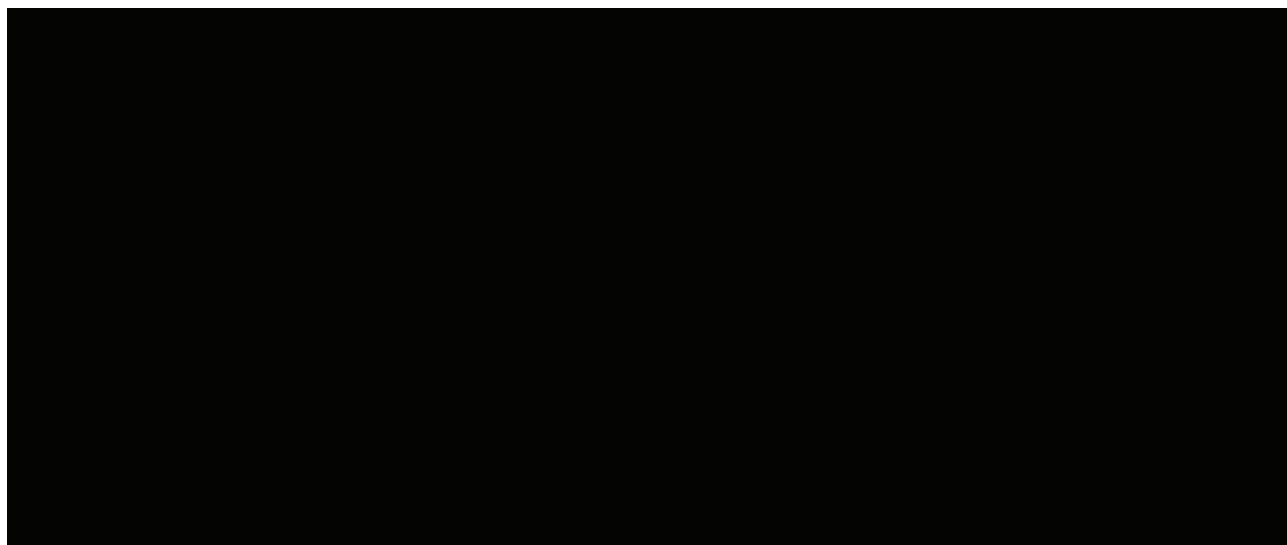
PIN1    Base          PIN 2    Collector          PIN 3    Emitter

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

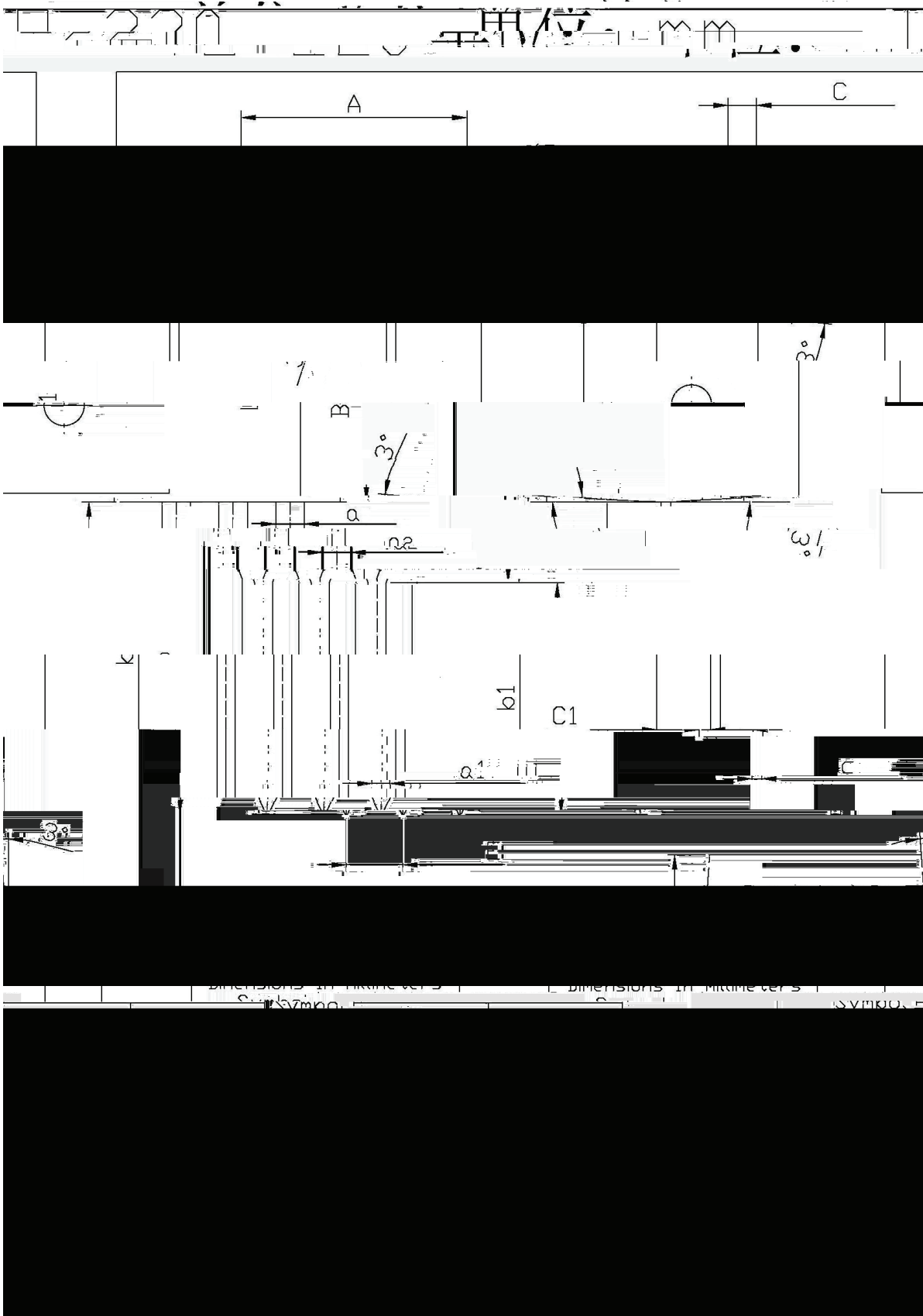
$h_{FE}$  Classifications  
Symbol

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	$V_{CB0}$	-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	$P_C(T_C=25 \text{ } ^\circ\text{C})$	40	W
	$P_C$	1.5	W

/ Electrical Characteristic Curve

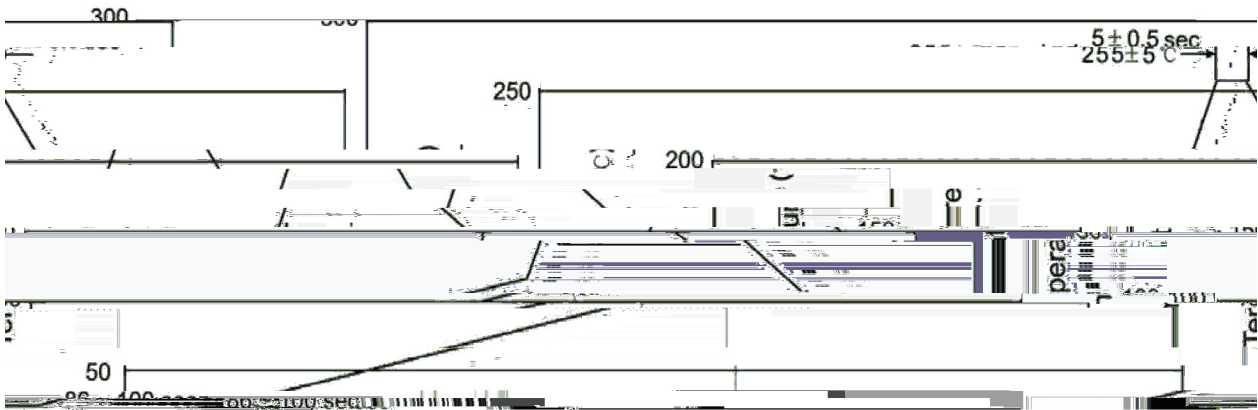


/ Package Dimensions





( ) / 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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