

2N6131

Rev.H Oct.-2018

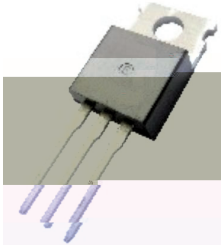
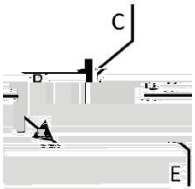
TO-220

NPN

Silicon NPN transistor in a TO-220 Plastic Package.

Fast switching time.

Medium power linear, fast switching applications.



PIN1 Base

PIN 2 Collector

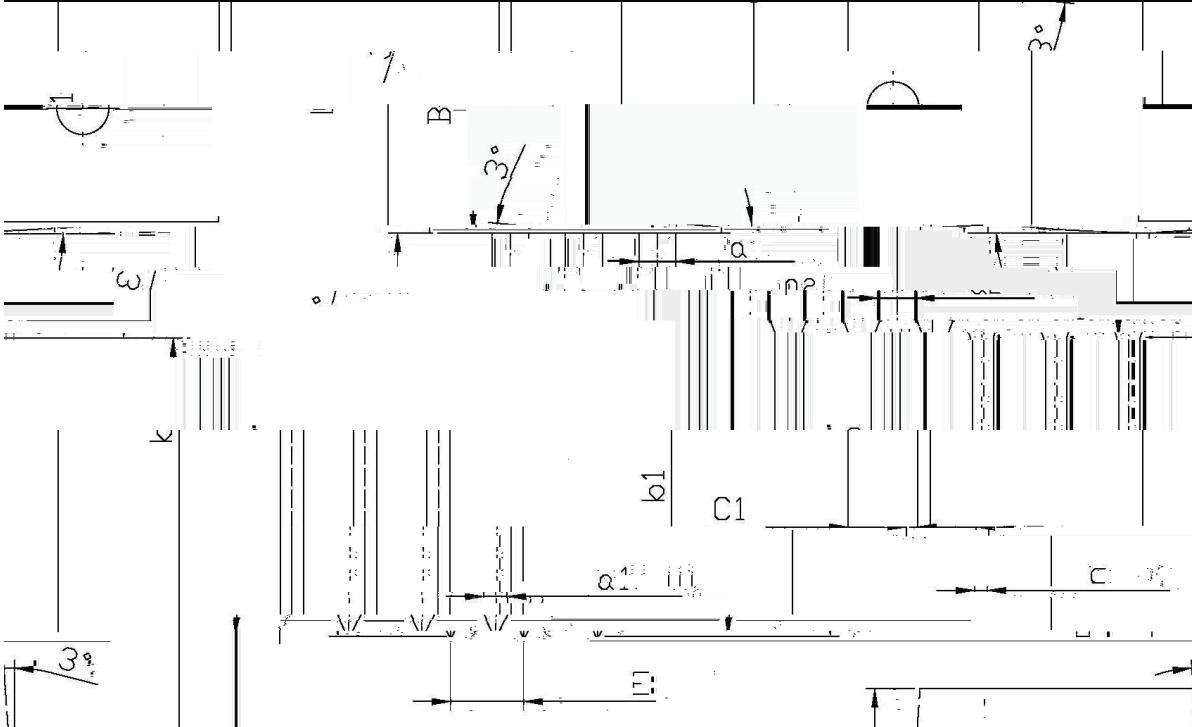
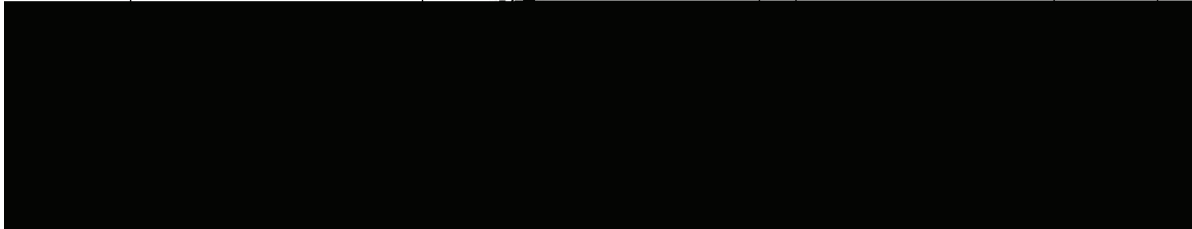
PIN 3 Emitter

See Marking Instructions. !

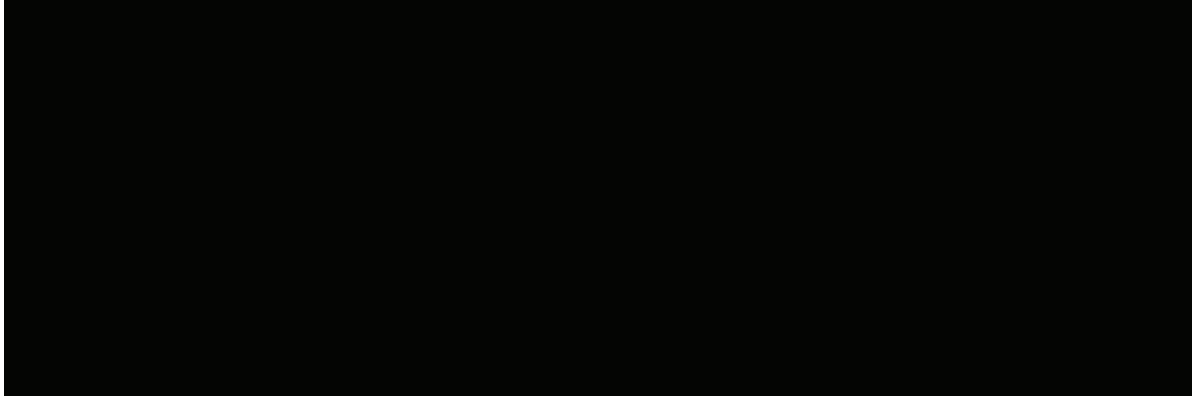
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Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	100	V
Collector to Emitter Voltage	V_{CEO}	80	V

/ Package Dimensions



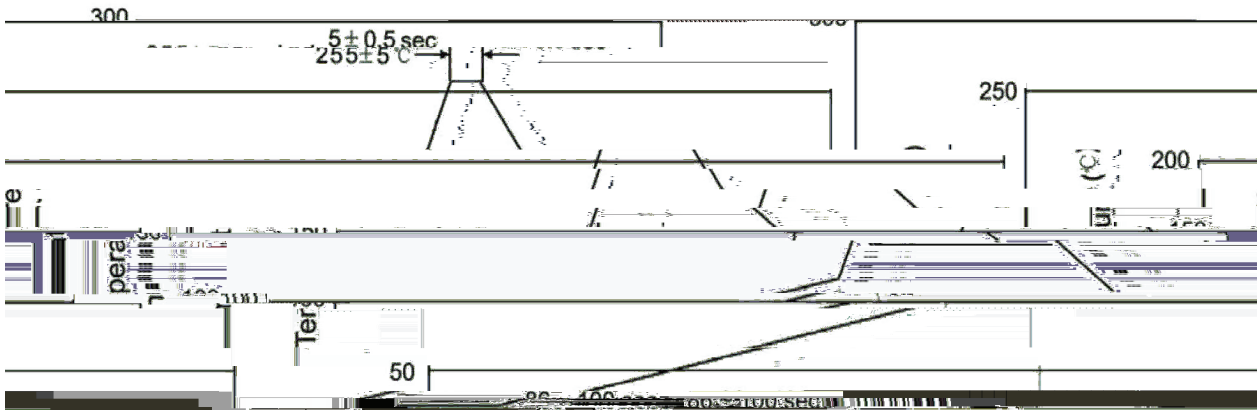
Dimensions in millimeter (mm) Dimensions in millimeter (mm)



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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. |

/ Resistance to Soldering Heat Test Conditions

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

/ Packaging SPEC.

/ BULK

Package Type	Units				Dimension (unit mm ³)		

/ TUBE

Package Type	Units				Dimension (unit mm ³)		

/ Notices