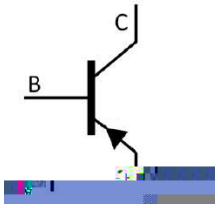
## / Descriptions

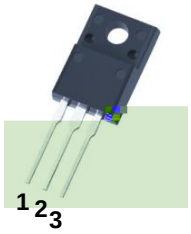
## / Features

## / Applications

## / Equivalent Circuit




## / Pinning



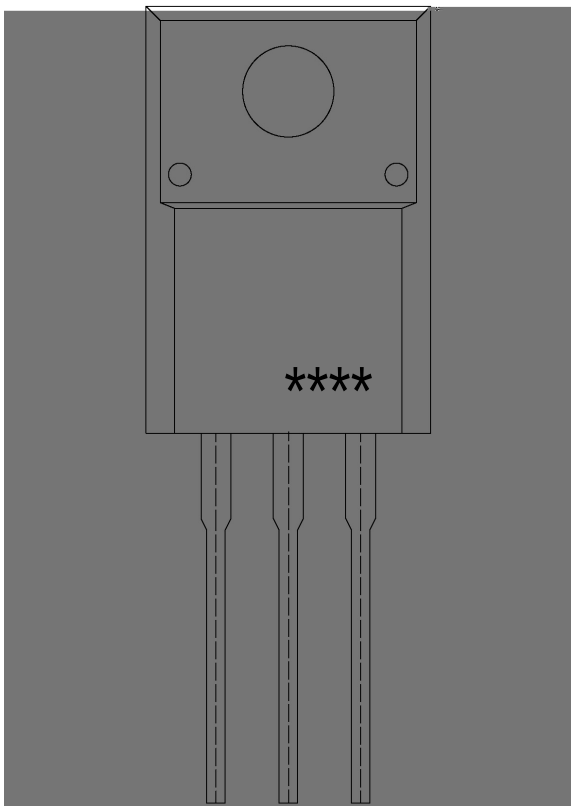

## / $h_{FE}$ Classifications & Marking

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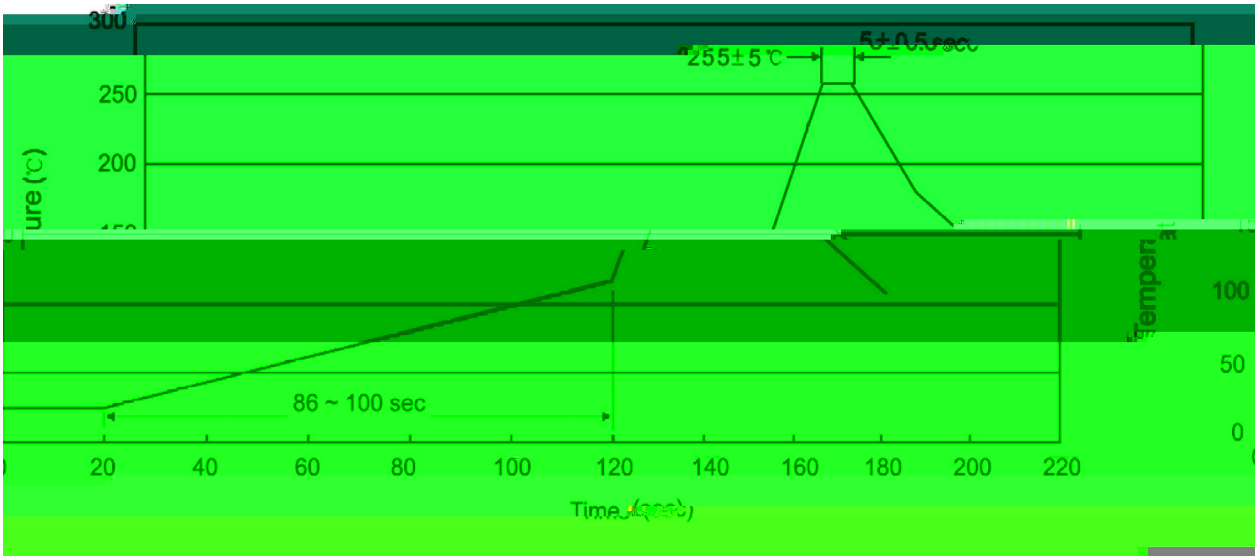
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## / Marking Instructions



## ( ) / Temperature Profile for Dip Soldering(Pb-Free)




## / Resistance to Soldering Heat Test Conditions

## / Packaging SPEC.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Units/Bag / | Bags/Inner Box / | Units/Inner Box / | Inner Boxes/Outer Box / | Units/Outer Box / | Bag | Inner Box | Outer Box |
| TO-220/F | 200 | 10 | 2,000 | 5 | 10,000 | 135×190 | 237×172×102 | 560×245×195 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Units/Tube / | Tubes/Inner Box / | Units/Inner Box / | Inner Boxes/Outer Box / | Units/Outer Box / | Tube | Inner Box | Outer Box |
| TO-220/F | 50 | 20 | 1,000 | 5 | 5,000 | 532×31.4×5.5 | 555×164×50 | 575×290×180 |

## / Notices