## / Descriptions

WR0553 Ṃ Ṃ Ꝉ SQS Æ Ṁ ч s ⅡⅦ Silicon PNP transistor in a TO-220 Plastic Package.

## / Features

љ WLS64 Ӣ ´

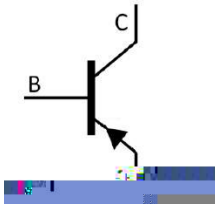
Complement to TIP31.

## / Applications

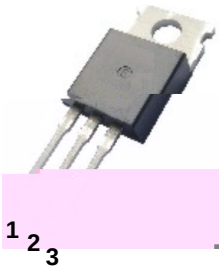
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Medium power linear switching applications.

## / Equivalent Circuit




## / Pinning




PIN1 χ Base PIN 2 χ Collector PIN 3 χ Emitter

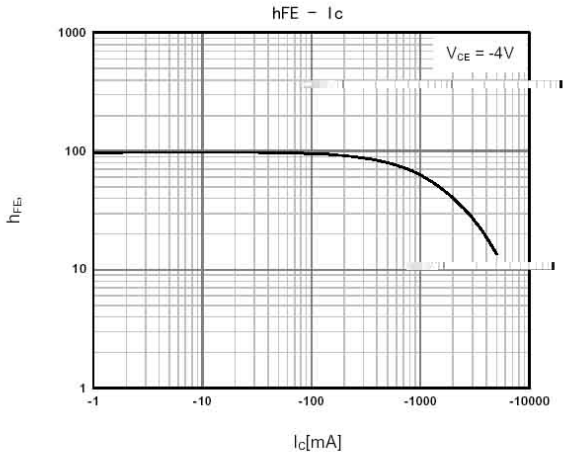
## / $h_{FE}$ Classifications & Marking

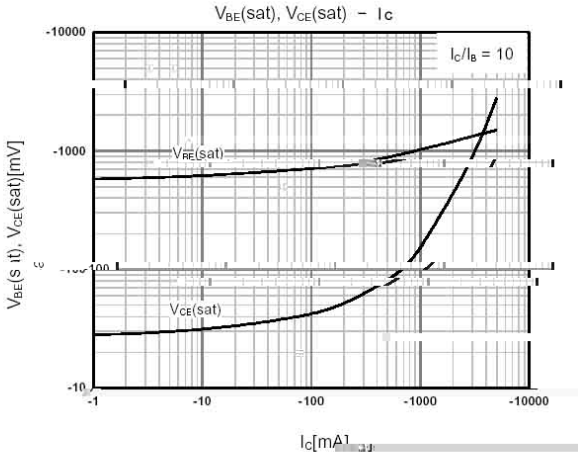
ծ м ㇔ ب ˝ See Marking Instructions.

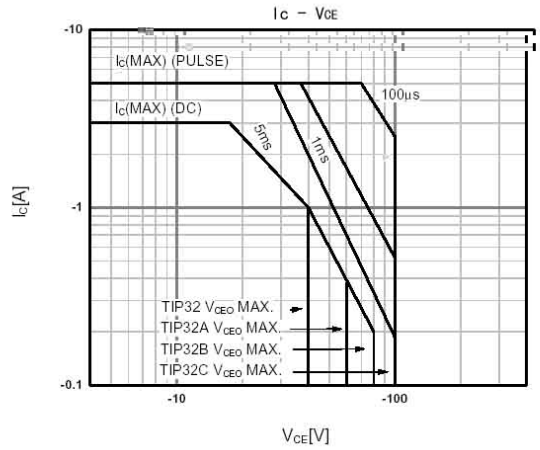
| v ̈Ω Parameter | ϒ N Symbol | ̈Ω Ö Rating | | | | D Ђ Unit |
|---|---|---|---|---|---|---|
| | | TIP32 | TIP32A | TIP32B | TIP32C | |
| Collector to Base Voltage | $V_{CBO}$ | -40 | -60 | -80 | -100 | V |
| Collector to Emitter Voltage | $V_{CEO}$ | -40 | -60 | -80 | -100 | V |
| Emitter to Base Voltage | $V_{EBO}$ | -5.0 | | | | V |
| Collector Current-Continuous | $I_C$ | -3.0 | | | | A |
| Peak Collector Current | $I_{CP}$ | -5.0 | | | | A |
| Base Current - Continuous | $I_B$ | -3.0 | | | | A |
| Collector Power Dissipation | $P_C$ | 2.0 | | | | W |
| Collector Power Dissipation | $P_C$ (Tc=25 ) | 40 | | | | W |
| Junction Temperature | $T_j$ | 150 | | | | |
| Storage Temperature Range | $T_{sag}$ | -55 150 | | | | |

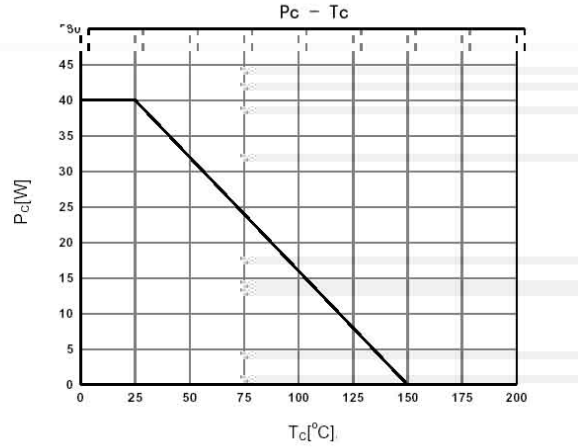
| v ̈Ω Parameter | ϒ N Symbol | ╨ ⁝ ⌡ ţ Test Conditions | ω ŋ Ö Min | Ɛ ʒ Ö Typ | ω ᶻ Ö Max | D Ђ Unit |
|---|---|---|---|---|---|---|

## / Electrical Characteristic Curve

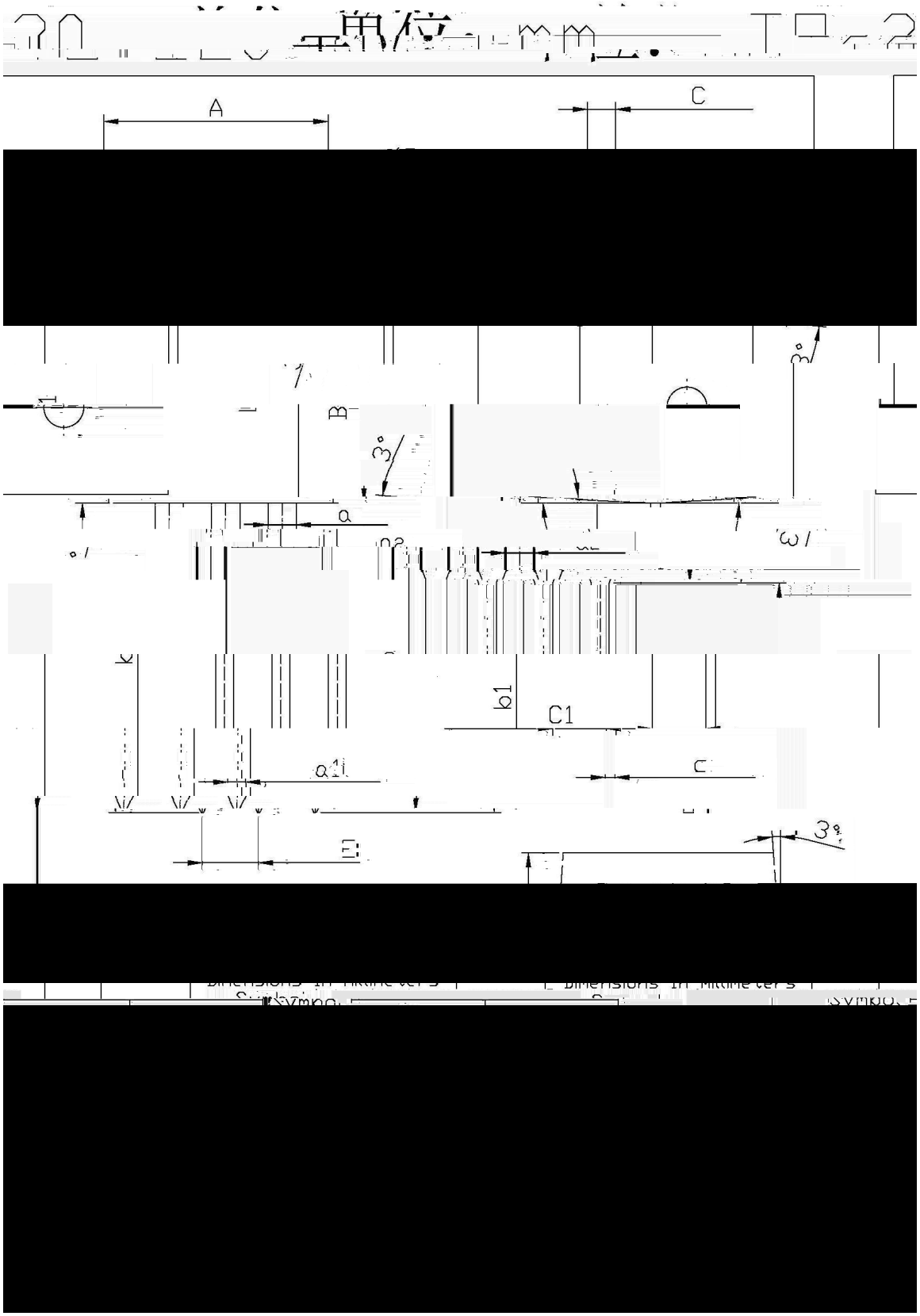


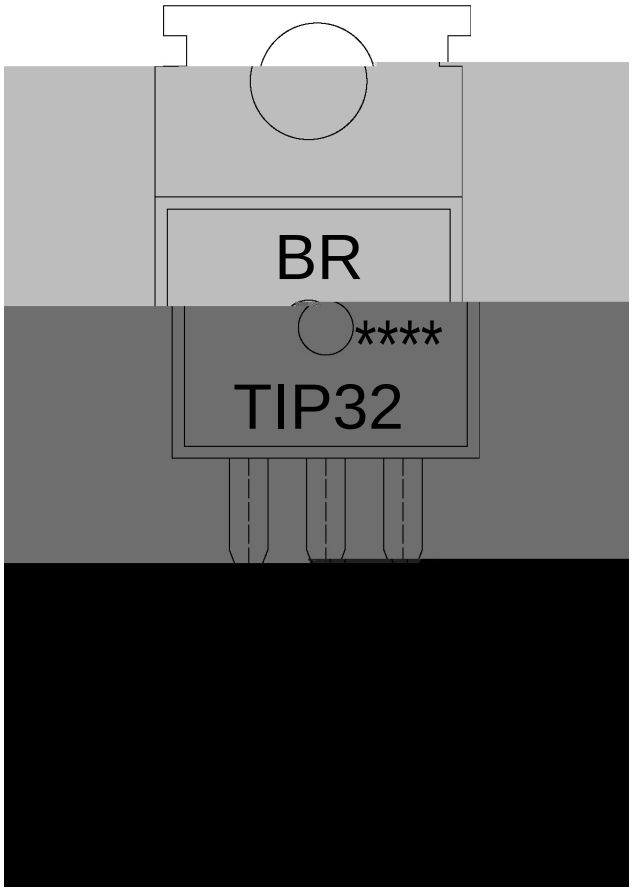



## / Package Dimensions



## / Marking Instructions




| | |
|---|---|
| ِ ّ χ | |
| EU χ | ѫ ϛ и ҧ |
| WLS65 χ | ѫ ғ β ʒ ɴ |
| ---- χ | ѫ ı ғ ѝ ɴ ҧ ı ɕ ı ғ ѝ ɴ Ψ ҏ |

Note:

| | |
|---|---|
| BR: | Company Code |
| TIP32: | Product Type. |
| ****: | Lot No. Code, code change with Lot No. |