# TIP36C

Rev.E Mar.-2016

DATA SHEET

## / Descriptions

WR06S ṂṂ Ƀ SQS ÆṀ ч s ǁ ㄱ Silicon PNP transistor in a TO-3P Plastic Package.

## / Features

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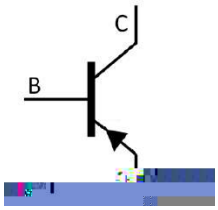
Low leakage current, high current gain bandwidth product, Complementary to TIP35C.

## / Applications

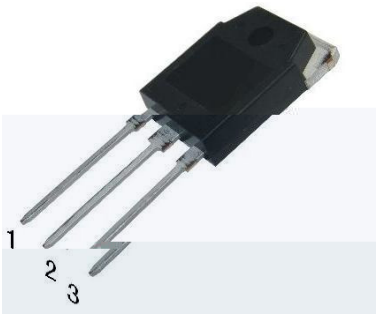
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Amplifier and switching applications.

## / Equivalent Circuit




## / Pinning




PIN1 χ Base PIN 2 χ Collector PIN 3 χ Emitter

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

ծ м ㄱ ب ˝ See Marking Instructions.

| v ¨Q<br>Parameter | ϒ N<br>Symbol | ¨Q Ö<br>Rating | D Ч<br>Unit |
|---|---|---|---|
| Collector to Base Voltage | $V_{CBO}$ | -100 | V |
| Collector to Emitter Voltage | $V_{CEO}$ | -100 | V |
| Emitter to Base Voltage | $V_{EBO}$ | -5 | V |
| Collector Current - Continuous | $I_C$ | -25 | A |
| Peak Collector Current | $I_{CM}$ | -50 | A |
| Base Current | $I_B$ | -5 | A |
| Total Power Dissipation | $P_{tot}$ | 125 | W |
| Junction Temperature | $T_j$ | 150 | |
| Storage Temperature Range | $T_{stg}$ | -65 150 | |
| Thermal Resistance Junction | $R_{thj}$ | 1 | /W |

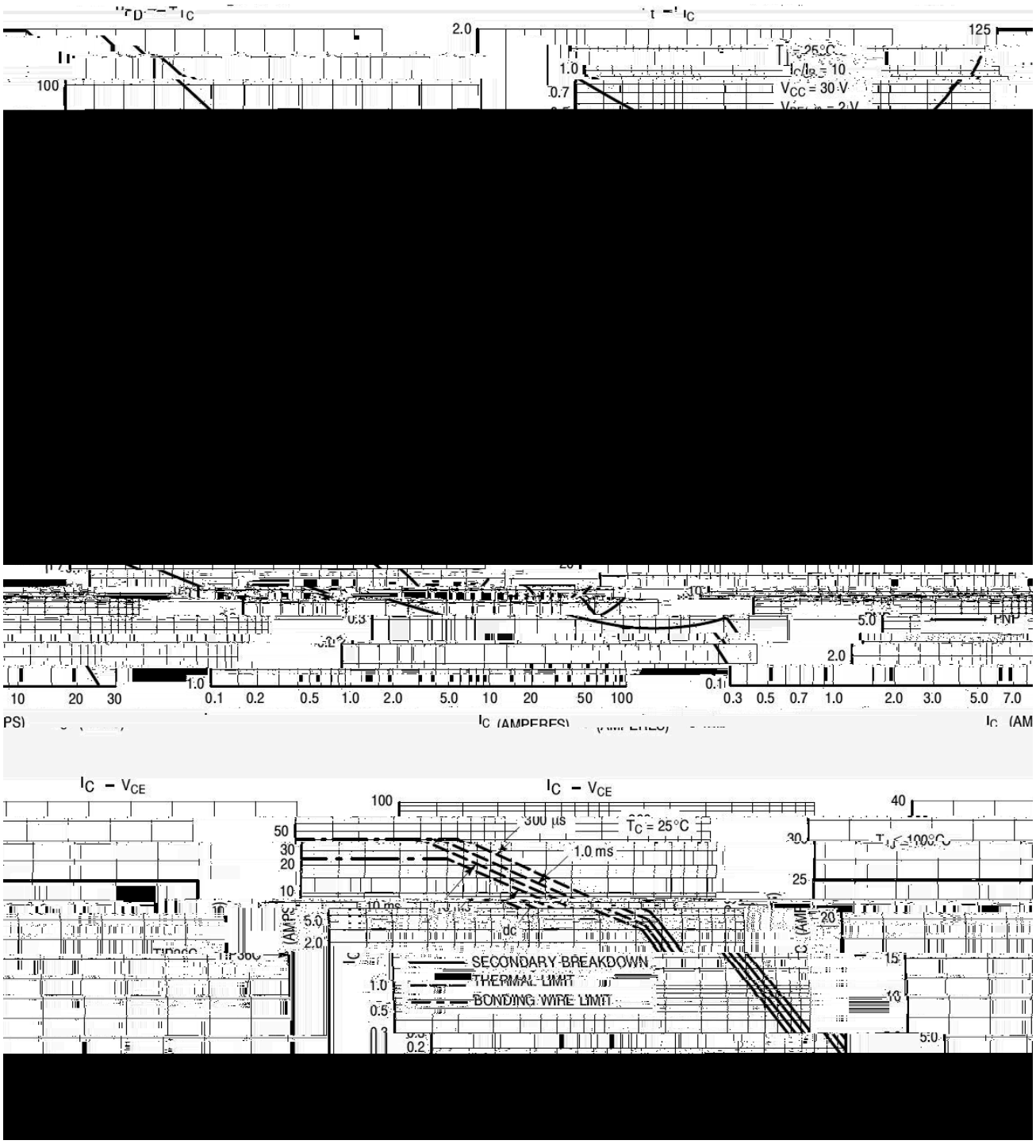
Collet(orto EmiteterBrea)7.4(kdownA )]TJETq1 i 56.01 178.18 34074711642 reW* nBT10.5 0 0 10.5 55.98 19.42003 T

| v ¨Q<br>Parameter | ϒ N<br>Symbol | Ш :¦ Ţ<br>Test Conditions | ώ ņ Ö<br>Min | Ε ʒ Ö<br>Typ | ώ ² Ö<br>Max | D Ч<br>Unit |
|---|---|---|---|---|---|---|
| Collector Cut-Off Current | $I_{CEO}$ | $V_{CE}$=-60V $I_B$=0 | | | -1 | mA |
| Collector Cut-Off Current | $I_{CES}$ | $V_{CE}$=-60V $V_{BE}$=0 | | | 23a | |

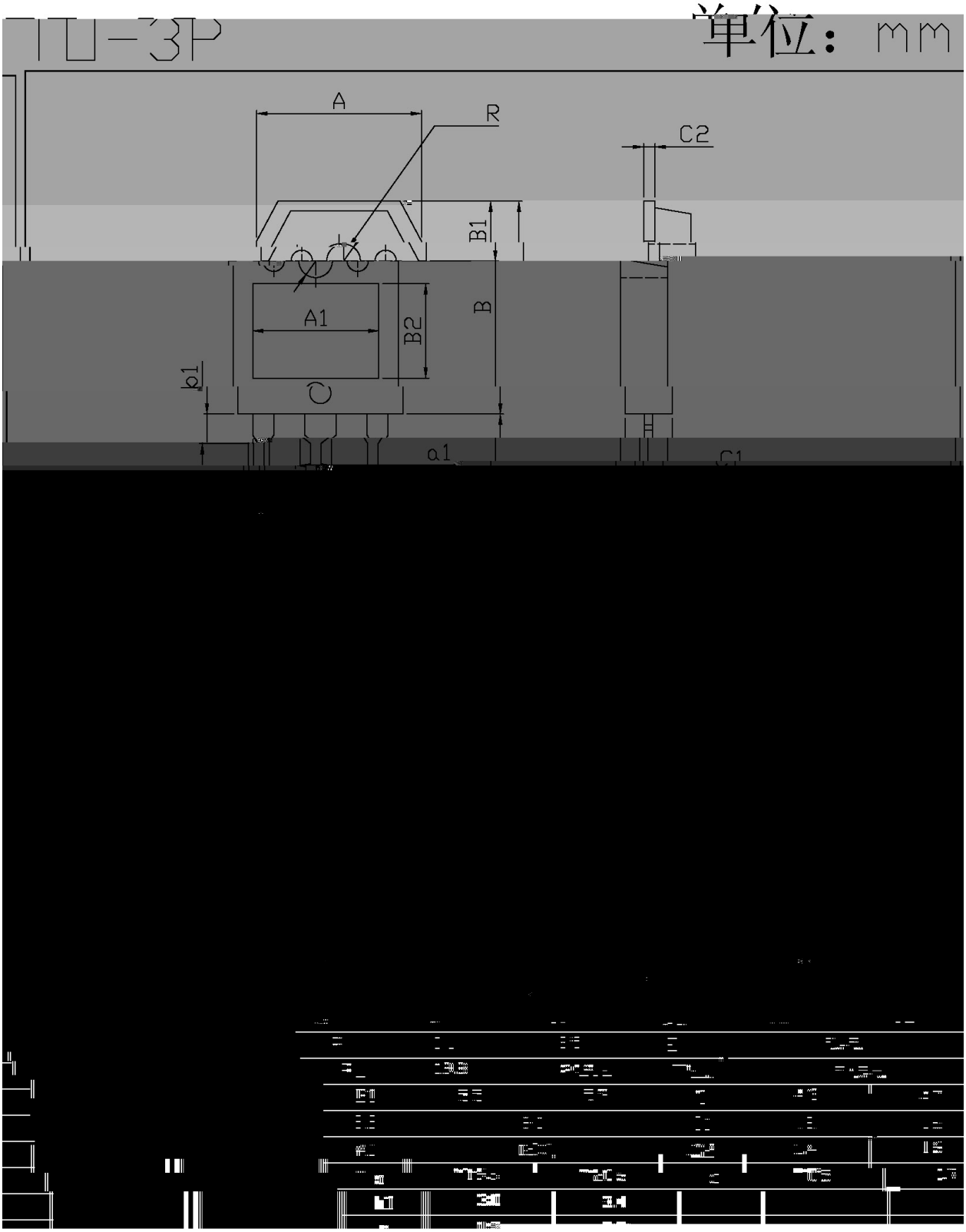


f-Curren( )73531.4(I)]TJ7.02 0 0 7.02 2460543425.4004 Tm-0.0003 Tc0 TwEBO

## / Electrical Characteristic Curve



## / Package Dimensions



## / Marking Instructions




| | |
|---|---|
| EU: | |
| WLS69F | |
| ---- | |

Note:

| | |
|---|---|
| BR: | Company Code. |
| TIP36C: | Product Type. |
| ****: | Lot No. Code, code change with Lot No. |