

**/ Descriptions**

TO-252

NPN

Silicon NPN transistor in a TO-252 Plastic Package.

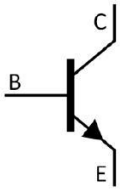
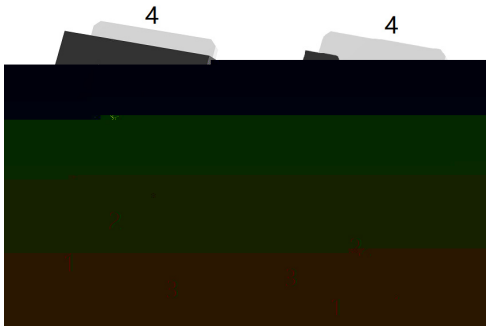
**/ Features**

BRMJD42C

Complement to BRMJD42C,HF product.

**/ Applications**

Medium power linear switching applications.

**/ Equivalent Circuit****/ Pinning**

PIN1 Base

PIN 2,4 Collector

PIN 3 Emitter

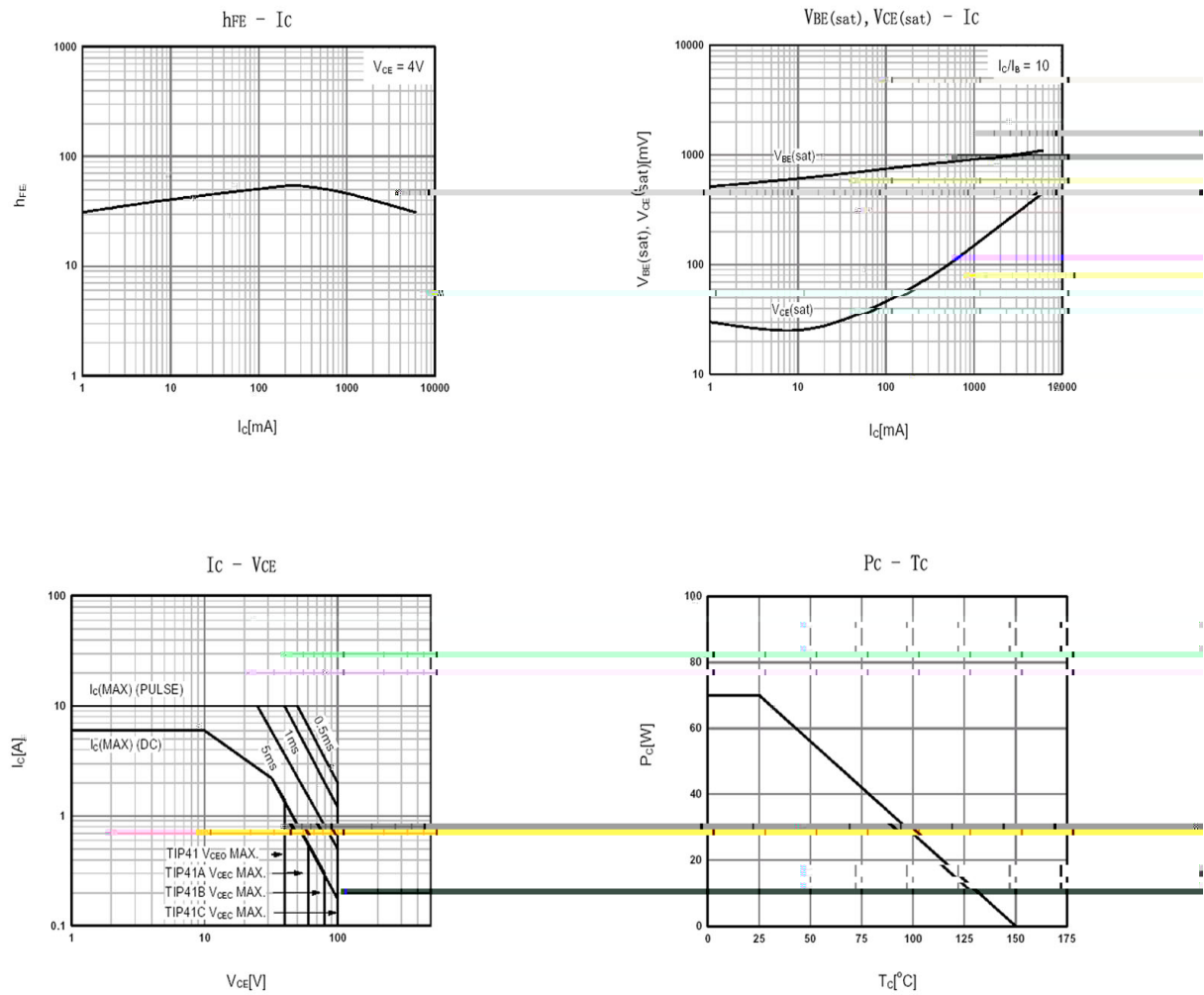
**/ h<sub>FE</sub> Classifications & Marking**

See Marking Instructions.

| Parameter                    | Symbol    | Rating | Unit |
|------------------------------|-----------|--------|------|
| Collector to Base Voltage    | $V_{CBO}$ | 100    | V    |
| Collector to Emitter Voltage | $V_{CEO}$ | 100    | V    |
| Emitter to Base Voltage      | $V_{EBO}$ | 5.0    | V    |

C

/ Electrical Characteristic Curve



/ Package Dimensions



单位: mm

| Symbol | Min  | Max  | Symbol | Min  | Max  |
|--------|------|------|--------|------|------|
| A      | 2.30 | 2.40 | F      | 5.95 | 6.25 |
| B      | 0.90 | 0.95 | L      | 4.75 | 5.00 |
| C      | 0.45 | 0.55 | E      | 9.45 | 9.95 |
| D      | 0.50 | 0.55 | K      | 0.60 | 0.65 |
| E      | 0.50 | 0.55 |        |      |      |
| F      | 0.60 | 0.65 |        |      |      |
| G      | 0.60 | 0.65 |        |      |      |
| H      | 0.60 | 0.65 |        |      |      |
| I      | 0.60 | 0.65 |        |      |      |
| J      | 0.60 | 0.65 |        |      |      |
| K      | 0.60 | 0.65 |        |      |      |
| L      | 0.60 | 0.65 |        |      |      |
| M      | 0.60 | 0.65 |        |      |      |
| N      | 0.60 | 0.65 |        |      |      |
| O      | 0.60 | 0.65 |        |      |      |
| P      | 0.60 | 0.65 |        |      |      |
| Q      | 0.60 | 0.65 |        |      |      |
| R      | 0.60 | 0.65 |        |      |      |
| S      | 0.60 | 0.65 |        |      |      |
| T      | 0.60 | 0.65 |        |      |      |
| U      | 0.60 | 0.65 |        |      |      |
| V      | 0.60 | 0.65 |        |      |      |
| W      | 0.60 | 0.65 |        |      |      |
| X      | 0.60 | 0.65 |        |      |      |
| Y      | 0.60 | 0.65 |        |      |      |
| Z      | 0.60 | 0.65 |        |      |      |

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