

Dimensions in mm (inches).



**Bipolar NPN Device in a  
Hermetically sealed TO3  
Metal Package.**

**Bipolar NPN Device.**

**$V_{CEO} = 500V$**

**$I_C = 8A$**

All Semelab hermetically sealed products can be processed in accordance with the requirements of BS, CECC and JAN, JANTX, JANTXV and JANS specifications.

**TO3 (TO204AA)**

**PINOUTS**

1 – Base      2 – Emitter      Case - Collector

| Parameter     | Test Conditions          | Min. | Typ. | Max. | Units |
|---------------|--------------------------|------|------|------|-------|
| $V_{CEO}^*$   |                          |      |      | 500  | V     |
| $I_{C(Cont)}$ |                          |      |      | 8    | A     |
| $h_{FE}$      | @ 4/2 ( $V_{CE} / I_C$ ) | 15   |      | 60   | -     |
| $f_t$         |                          |      | 8M   |      | Hz    |
| $P_D$         |                          |      |      | 150  | W     |

\* Maximum Working Voltage

This is a shortform datasheet. For a full datasheet please contact [sales@semelab.co.uk](mailto:sales@semelab.co.uk).

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