

Dimensions in mm (inches).

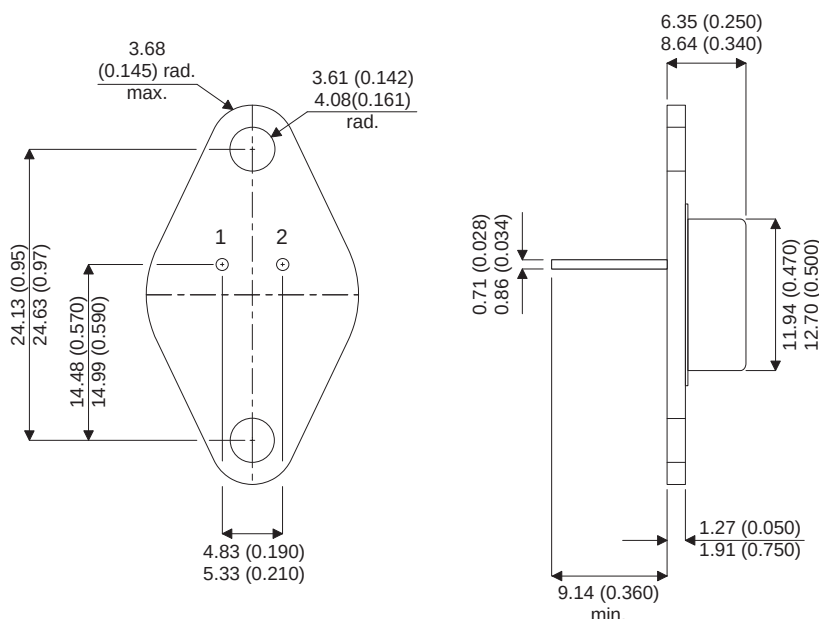
## Bipolar NPN Device in a Hermetically sealed TO66 Metal Package.

### Bipolar NPN Device.

$$V_{CEO} = 175V$$

$$I_C = 1A$$

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



### TO66 (TO213AA) PINOUTS

1 – Base      2 – Emitter      Case – Collector

| Parameter     | Test Conditions              | Min. | Typ. | Max. | Units |
|---------------|------------------------------|------|------|------|-------|
| $V_{CEO}^*$   |                              |      |      | 175  | V     |
| $I_{C(CONT)}$ |                              |      |      | 1    | A     |
| $h_{FE}$      | @ 10/0.75 ( $V_{CE} / I_C$ ) | 40   |      | 200  | -     |
| $f_t$         |                              |      | 10M  |      | Hz    |
| $P_D$         |                              |      |      | 35   | 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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