

Dimensions in mm (inches).

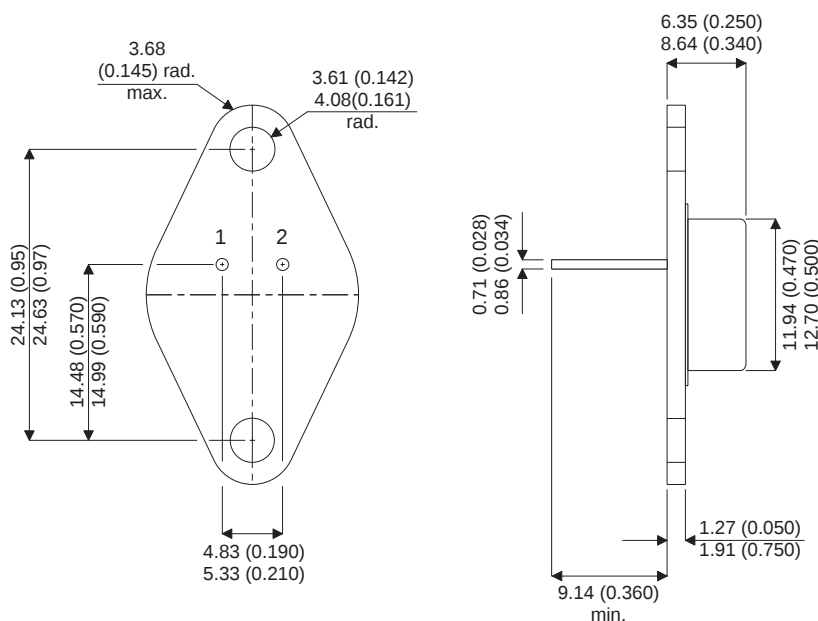
## Bipolar NPN Device in a Hermetically sealed TO66 Metal Package.

### Bipolar NPN Device.

$$V_{CEO} = 300V$$

$$I_C = 1A$$

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 |
|---------------------------|----------------------|------|------|------|-------|
| $V_{CEO}^*$               |                      |      |      | 300  | V     |
| $I_{C(CONT)}$             |                      |      |      | 1    | A     |
| $h_{FE}$                  | @ ( $V_{CE} / I_C$ ) | 25   |      | 180  | -     |
| $f_t$                     |                      |      | 80M  |      | Hz    |
| $P_D$                     |                      |      |      | 40   | 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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