

Dimensions in mm (inches).



**TO39 (TO205AD)
PINOUTS**

1 – Emitter 2 – Base 3 – Collector

**Bipolar NPN Device in a
Hermetically sealed TO39
Metal Package.**

Bipolar NPN Device.

$V_{CEO} = 50V$

$I_C = 2A$

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

| Parameter | Test Conditions | Min. | Typ. | Max. | Units |
|---------------|----------------------|------|------|------|-------|
| V_{CEO}^* | | | | 50 | V |
| $I_{C(CONT)}$ | | | | 2 | A |
| h_{FE} | @ (V_{CE} / I_C) | 20 | | 100 | - |
| f_t | | | 250M | | Hz |
| P_D | | | | 1 | W |

* Maximum Working Voltage

This is a shortform datasheet. For a full datasheet please contact sales@semelab.co.uk.

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