

Dimensions in mm (inches).



Bipolar NPN Device in a Hermetically sealed Ceramic Surface Mount Package for High Reliability Applications

Bipolar NPN Device.

$V_{CEO} = 80V$

$I_C = 10A$

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

SMD1 (TO276AB)

PINOUTS

1 – Base 2 – Collector 3 – Emitter

| Parameter | Test Conditions | Min. | Typ. | Max. | Units |
|---------------|--------------------------|------|------|------|-------|
| V_{CEO}^* | | | | 80 | V |
| $I_{C(CONT)}$ | | | | 10 | A |
| h_{FE} | @ 2/1 (V_{CE} / I_C) | 25 | | 90 | - |
| f_t | | | 4M | | Hz |
| P_D | | | | 150 | W |

* Maximum Working Voltage

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

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