

Dimensions in mm (inches).



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

**Bipolar NPN Device.**

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

**$I_C = 6A$**

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
$V_{CEO}^*$				500	V
$I_{C(CONT)}$				6	A
$h_{FE}$	@ 1/2.5 ( $V_{CE} / I_C$ )	5			-
$f_t$			20M		Hz
$P_D$				100	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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