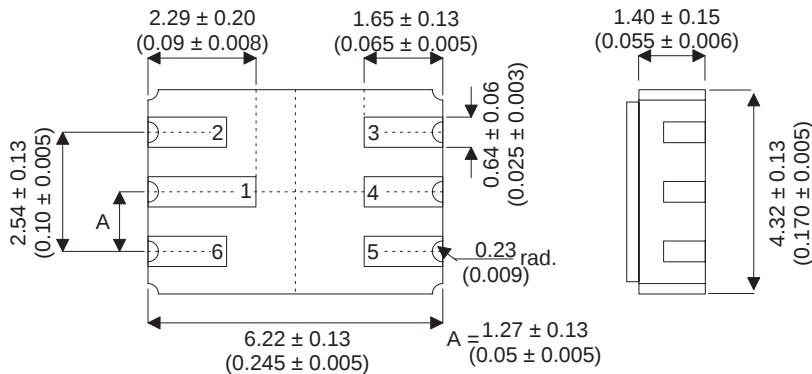


Dimensions in mm (inches).



### LCC2 (MO-041BB) Pinouts

Pin 1 – Collector 1      Pin 4 – Collector 2  
Pin 2 – Base 1          Pin 5 – Emitter 2  
Pin 3 – Base 2          Pin 6 – Emitter 1

## Dual Bipolar NPN Devices in a hermetically sealed LCC2 Ceramic Surface Mount Package for High Reliability Applications

### Dual Bipolar NPN Devices.

$$V_{CEO} = 40V$$

$$I_c = 0.8A$$

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 |
|---------------|------------------------------|------|------|------|-------|
| $V_{CEO}^*$   |                              |      |      | 40   | V     |
| $I_{C(CONT)}$ |                              |      |      | 0.8  | A     |
| $h_{FE}$      | @ 10/0.15 ( $V_{CE} / I_C$ ) | 40   |      | 120  | -     |
| $f_t$         |                              |      | 250M |      | Hz    |
| $P_D$         |                              |      |      | 0.6  | W     |

\* Maximum Working Voltage

This is a shortform datasheet. For a full datasheet please contact [sales@semelab.co.uk](mailto:sales@semelab.co.uk).

Semelab Plc reserves the right to change test conditions, parameter limits and package dimensions without notice. Information furnished by Semelab is believed to be both accurate and reliable at the time of going to press. However Semelab assumes no responsibility for any errors or omissions discovered in its use.