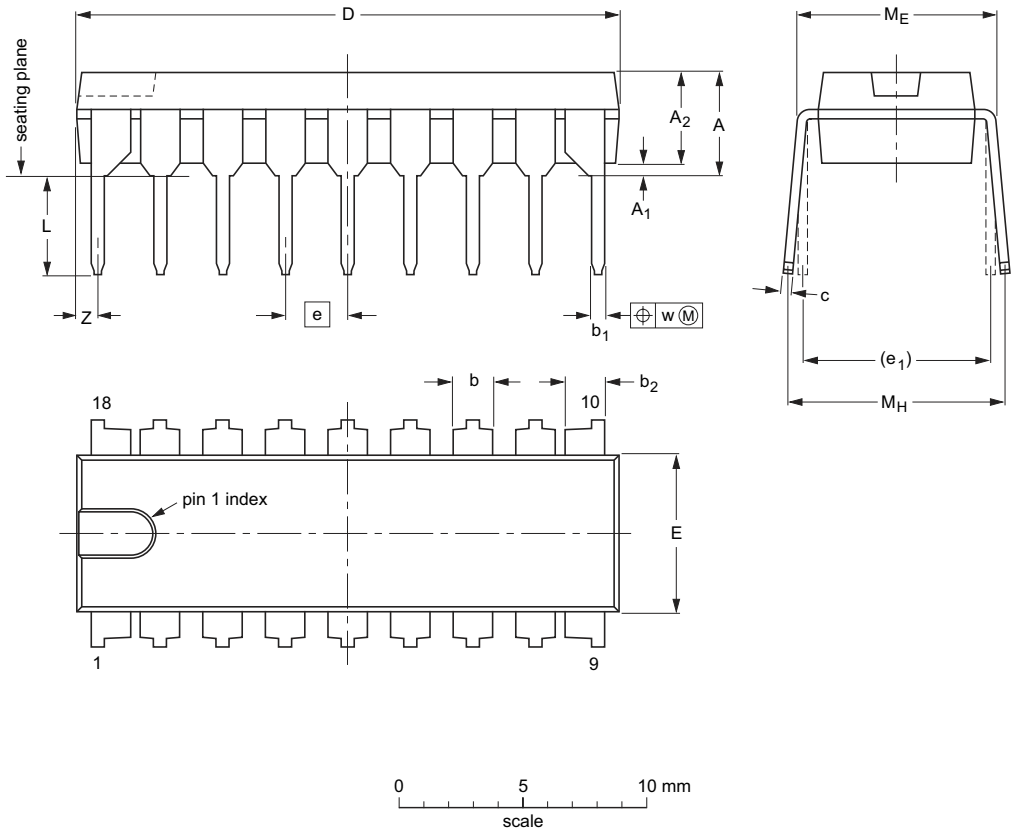
**DIP18: plastic dual in-line package; 18 leads (300 mil)** **SOT102-1**




**DIMENSIONS (inch dimensions are derived from the original mm dimensions)**

| UNIT | A max. | $A_1$ min. | $A_2$ max. | b | $b_1$ | $b_2$ | c | D (1) | E (1) | e | $e_1$ | L | $M_E$ | $M_H$ | w | Z (1) max. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| mm | 4.7 | 0.51 | 3.7 | 1.40<br>1.14 | 0.53<br>0.38 | 1.40<br>1.14 | 0.32<br>0.23 | 21.8<br>21.4 | 6.48<br>6.20 | 2.54 | 7.62 | 3.9<br>3.4 | 8.25<br>7.80 | 9.5<br>8.3 | 0.254 | 0.85 |
| inches | 0.19 | 0.02 | 0.15 | 0.055<br>0.044 | 0.021<br>0.015 | 0.055<br>0.044 | 0.013<br>0.009 | 0.86<br>0.84 | 0.26<br>0.24 | 0.1 | 0.3 | 0.15<br>0.13 | 0.32<br>0.31 | 0.37<br>0.33 | 0.01 | 0.033 |

**Note**

1. Plastic or metal protrusions of 0.25 mm (0.01 inch) maximum per side are not included.

| OUTLINE VERSION | REFERENCES | | | | EUROPEAN PROJECTION | ISSUE DATE |
|---|---|---|---|---|---|---|
| | IEC | JEDEC | JEITA | | | |
| SOT102-1 | | MS-001 | | | | ~~99-12-27~~<br>03-02-13 |