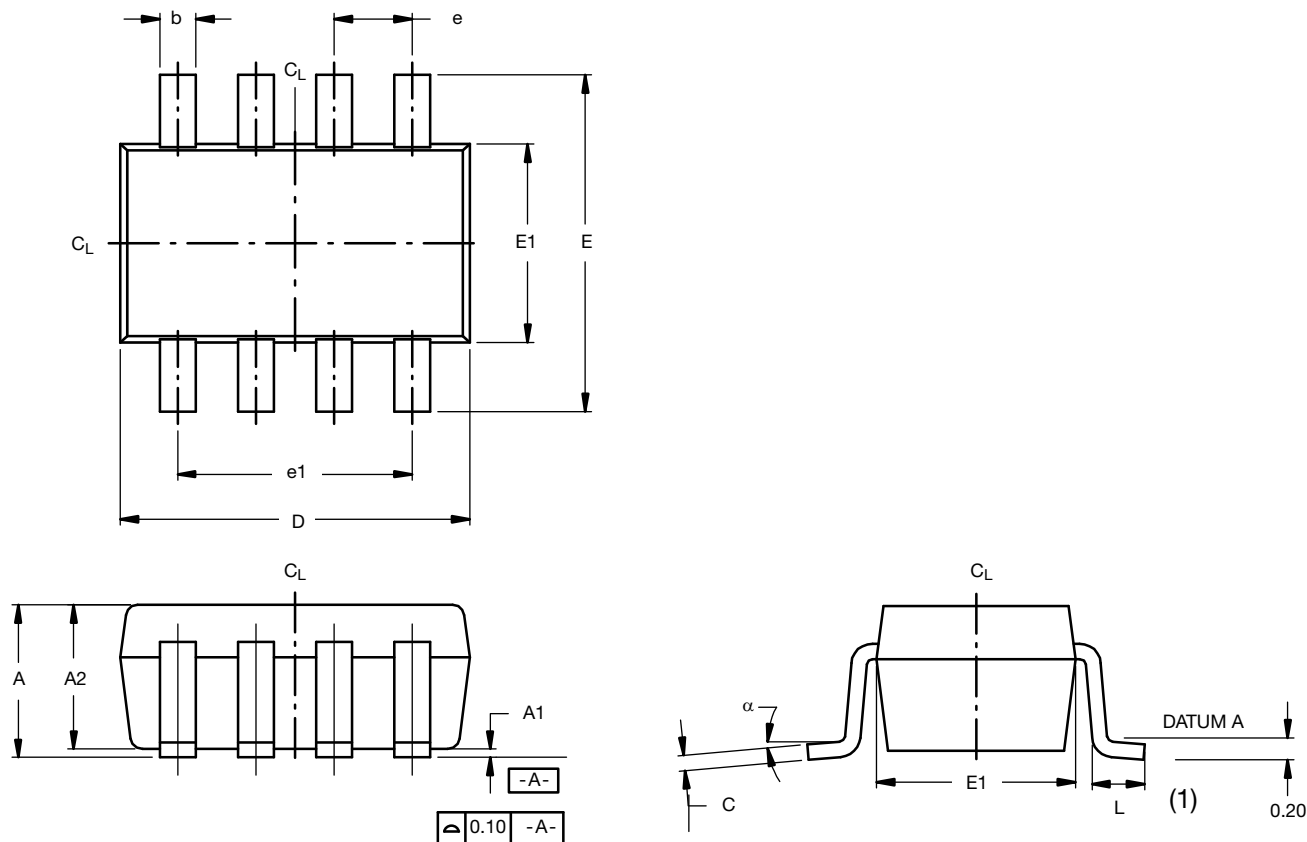


## SOT-23 8-Lead Case Outline



| DIM.     | MILLIMETERS |        |      | INCHES     |       |       |
|----------|-------------|--------|------|------------|-------|-------|
|          | MIN.        | NOM.   | MAX. | MIN.       | NOM.  | MAX.  |
| A        | 0.90        | 1.27   | 1.45 | 0.035      | 0.050 | 0.057 |
| A1       | 0.00        | 0.0762 | 0.15 | 0.000      | 0.003 | 0.006 |
| A2       | 0.90        | 1.20   | 1.30 | 0.035      | 0.047 | 0.051 |
| b        | 0.22        | 0.30   | 0.38 | 0.009      | 0.012 | 0.015 |
| C        | 0.09        | 0.152  | 0.20 | 0.004      | 0.006 | 0.008 |
| D        | 2.80        | 2.90   | 3.00 | 0.110      | 0.114 | 0.118 |
| E        | 2.60        | 2.80   | 3.00 | 0.102      | 0.110 | 0.118 |
| E1       | 1.50        | 1.65   | 1.75 | 0.059      | 0.065 | 0.069 |
| e        | 0.65 ref.   |        |      | 0.026 ref. |       |       |
| e1       | 1.95 ref.   |        |      | 0.077 ref. |       |       |
| L        | 0.35        | 0.45   | 0.55 | 0.014      | 0.018 | 0.022 |
| $\alpha$ | 0°          | 4°     | 8°   | 0°         | 4°    | 8°    |

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### Notes

- All dimensions are in millimeters
- Package outline exclusive of mold flash and metal burr
- Package outline inclusive of solder plating
- No molding flash allowed on the top and bottom lead surface
- (1) Foot length measured at intercept point between Datum A and lead surface