

MECHANICAL CASE OUTLINE

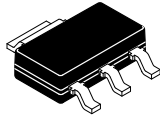
PACKAGE DIMENSIONS

ON Semiconductor®

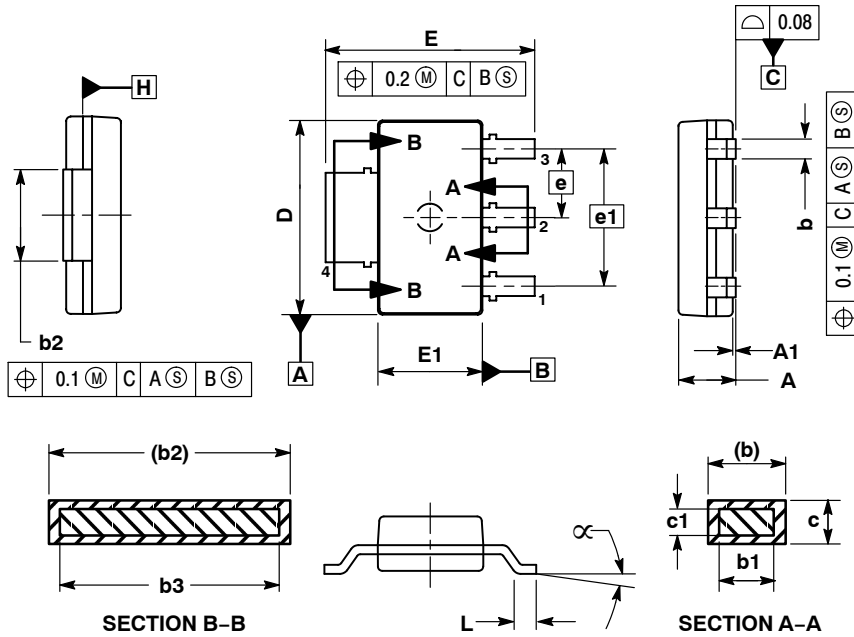


SOT-223 CASE 318H-01 ISSUE O

DATE 04/04/1997



SCALE 2:1



NOTES:

1. DIMENSIONS ARE IN MILLIMETERS.
2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M, 1994.
3. DIMENSION E1 DOES NOT INCLUDE INTERLEAD FLASH OR PROTRUSION. INTERLEAD FLASH OR PROTRUSION SHALL NOT EXCEED 0.23 PER SIDE.
4. DIMENSIONS b AND b2 DO NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSION SHALL BE 0.08 TOTAL IN EXCESS OF THE b AND b2 DIMENSIONS AT MAXIMUM MATERIAL CONDITION.
5. TERMINAL NUMBERS ARE SHOWN FOR REFERENCE ONLY.
6. DIMENSIONS D AND E1 ARE TO BE DETERMINED AT DATUM PLANE H.

| DIM | MILLIMETERS | |
|-----|-------------|------|
| | MIN | MAX |
| A | --- | 1.80 |
| A1 | 0.02 | 0.11 |
| b | 0.60 | 0.88 |
| b1 | 0.60 | 0.80 |
| b2 | 2.90 | 3.10 |
| b3 | 2.90 | 3.05 |
| c | 0.24 | 0.35 |
| c1 | 0.24 | 0.30 |
| D | 6.30 | 6.70 |
| E | 6.70 | 7.30 |
| E1 | 3.30 | 3.70 |
| e | 2.30 | |
| e1 | 4.60 | |
| L | 0.25 | --- |
| ∠ | 0° | 10° |

| | | |
|------------------|-------------|--|
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