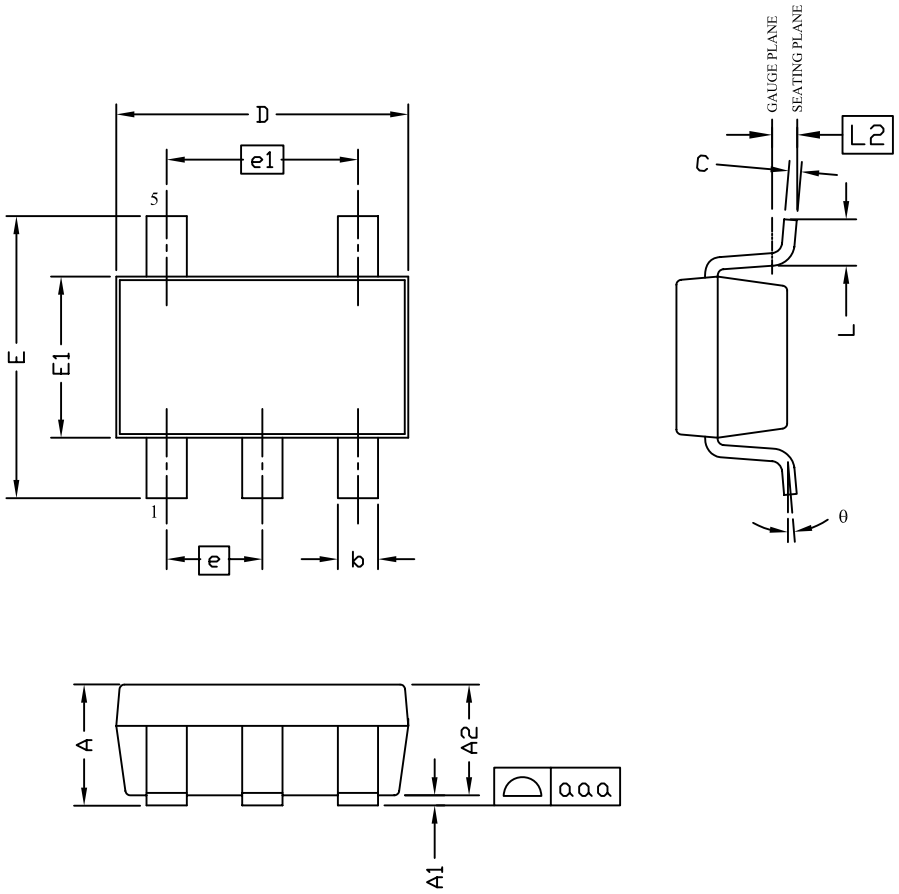
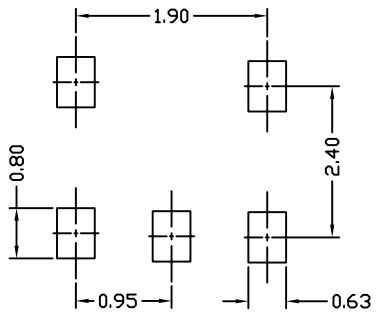
ALPHA & OMEGA SEMICONDUCTOR

| Document No. | PO-00031 |
|---|---|
| Version | rev C |

# SOT23_5L LP PACKAGE OUTLINE




RECOMMENDED LAND PATTERN




| SYMBOLS | DIMENSIONS IN MILLIMETERS | | | DIMENSIONS IN INCHES | | |
|---|---|---|---|---|---|---|
| | MIN | NOM | MAX | MIN | NOM | MAX |
| A | --- | --- | 1.00 | --- | --- | 0.039 |
| A1 | 0.00 | --- | 0.10 | 0.00 | --- | 0.004 |
| A2 | 0.70 | 0.88 | 0.95 | 0.028 | 0.035 | 0.037 |
| b | 0.35 | 0.40 | 0.50 | 0.014 | 0.016 | 0.020 |
| C | 0.10 | 0.13 | 0.20 | 0.004 | 0.005 | 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 | 1.60 | 1.70 | 0.059 | 0.063 | 0.067 |
| e | 0.95 BSC. | | | 0.037BSC. | | |
| e1 | 1.90 BSC. | | | 0.075 BSC. | | |
| L | 0.30 | 0.40 | 0.60 | 0.012 | 0.016 | 0.024 |
| L2 | 0.25BSC | | | 0.010BSC | | |
| aaa | 0.10 | | | 0.004 | | |
| θ | 0° | --- | 8° | 0° | --- | 8° |

UNIT: mm

NOTE
1. PACKAGE BODY SIZES EXCLUDE MOLD FLASH AND GATE BURRS.
   MOLD FLASH AT THE NON-LEAD SIDES SHOULD BE LESS THAN 5 MIL EACH.
2. DIMENSION "L" IS MEASURED IN GAUGE PLANE.
3. TOLERANCE ± 0.100 mm(4 mil) UNLESS OTHERWISE SPECIFIED.
4. REFER TO JEDEC MO-193C AB.
5. CONTROLLING DIMENSIONS IS MILLIMETER.
   CONVERTED INCH DIMENSIONS ARE NOT NECESSARILY EXACT.