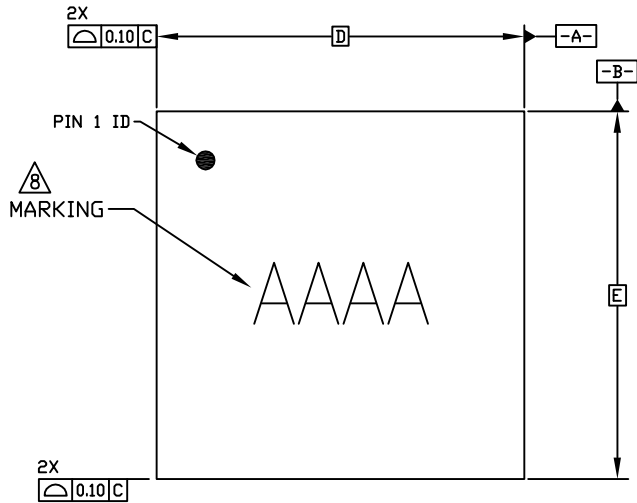
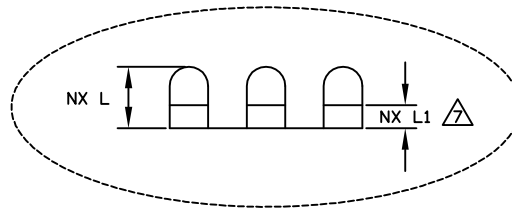
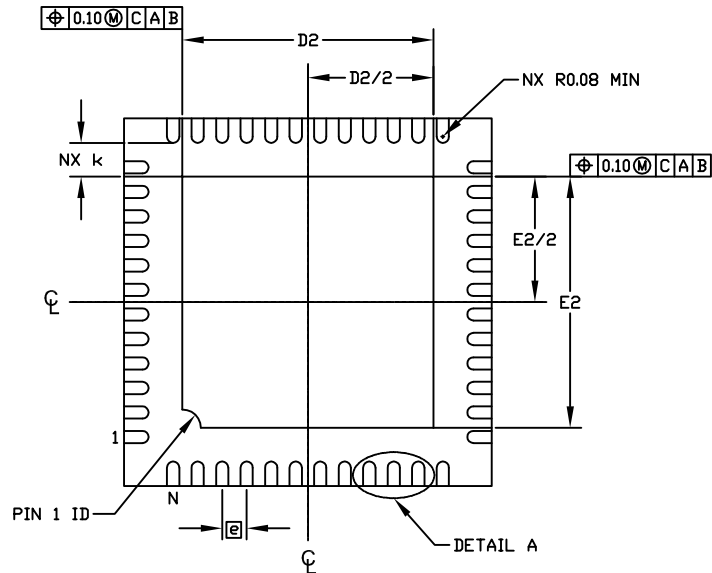


TOP VIEW

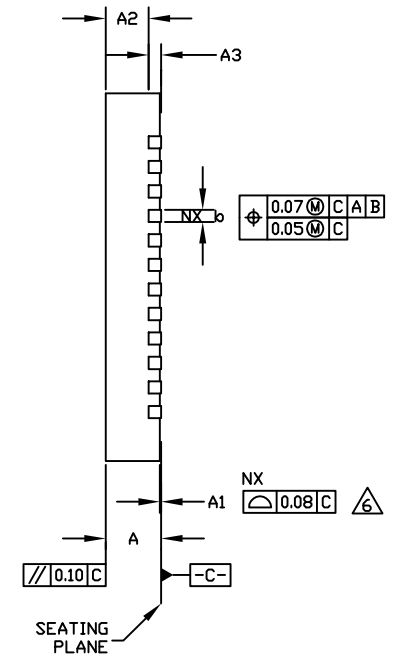


BOTTOM VIEW



DETAIL A

SIDE VIEW



TITLE:  
PACKAGE OUTLINE, 48L SAWN QFN,  
6.00x6.00x0.90mm

APPROVAL

DOCUMENT CONTROL NO.

REV.

21-1017

A

1/2

-DRAWING NOT TO SCALE-

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. DIMENSIONING & TOLERANCING CONFORM TO ASME Y14.5M-2009.
3. PACKAGE IS JEDEC MO-220 COMPLIANT.
4. N IS THE TOTAL NUMBER OF TERMINALS. ND AND NE REFER TO THE NUMBER OF TERMINALS ON EACH D AND E SIDE, RESPECTIVELY.
5. DIMENSION *b* APPLIES TO METALLIZED TERMINAL AND IS MEASURED BETWEEN 0.25mm AND 0.30mm FROM TERMINAL TIP.
6. COPLANARITY APPLIES TO BOTH TERMINALS AND HEAT SINK.
7. L1 IS THE PULLBACK OF THE TERMINAL METAL FROM THE PLASTIC BODY EDGE.
8. MARKING SHOWN IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
9. MATERIAL MUST BE COMPLIANT WITH MAXIM SPECIFICATION 10-0131 FOR SUBSTANCE CONTENT, MUST BE Eu ROHS COMPLIANT WITHOUT EXEMPTION AND PB-FREE.
10. ALL DIMENSIONS APPLY TO PbfREE (+) PKG. CODES.
11. PACKAGE CODE: K4866+1.

| DIM      | MILLIMETERS |      |      | INCHES    |       |       |
|----------|-------------|------|------|-----------|-------|-------|
|          | MIN         | NOM  | MAX  | MIN       | NOM   | MAX   |
| A        | 0.80        | 0.90 | 1.00 | 0.031     | 0.035 | 0.039 |
| A1       | 0.00        | 0.02 | 0.05 | 0.000     | 0.001 | 0.002 |
| A2       | 0.60        | 0.70 | 0.80 | 0.024     | 0.028 | 0.031 |
| A3       | 0.20 REF    |      |      | 0.008 REF |       |       |
| <i>b</i> | 0.15        | 0.20 | 0.25 | 0.006     | 0.008 | 0.010 |
| D        | 6.00 BSC    |      |      | 0.236 BSC |       |       |
| D2       | 3.95        | 4.10 | 4.20 | 0.156     | 0.161 | 0.165 |
| E        | 6.00 BSC    |      |      | 0.236 BSC |       |       |
| E2       | 3.95        | 4.10 | 4.20 | 0.156     | 0.161 | 0.165 |
| <i>e</i> | 0.40 BSC    |      |      | 0.016 BSC |       |       |
| <i>k</i> | 0.20        | -    | -    | 0.008     | -     | -     |
| L        | 0.30        | 0.40 | 0.50 | 0.012     | 0.016 | 0.020 |
| L1       | 0.03        | -    | 0.15 | 0.001     | -     | 0.006 |
| N        | 48 PINS     |      |      | 48 PINS   |       |       |
| ND       | 12 PINS     |      |      | 12 PINS   |       |       |
| NE       | 12 PINS     |      |      | 12 PINS   |       |       |



TITLE:  
PACKAGE OUTLINE, 48L SAWN QFN,  
6.00x6.00x0.90mm

|          |                                 |           |     |
|----------|---------------------------------|-----------|-----|
| APPROVAL | DOCUMENT CONTROL NO.<br>21-1017 | REV.<br>A | 2/2 |
|----------|---------------------------------|-----------|-----|

-DRAWING NOT TO SCALE-