



-DRAWING NOT TO SCALE-

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| | | | |
| TITLE: PACKAGE OUTLINE, 32L PUNCH QFN, 5x5x0.85mm | | | |
| APPROVAL | DOCUMENT CONTROL NO. 21-0696 | REV. A | 1/2 |

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. ALL DIMENSIONING AND TOLERANCING CONFORM TO ASME Y14.5M. - 1994.
3. DIMENSION b APPLIES TO PLATED TERMINAL AND IS MEASURED BETWEEN 0.15 AND 0.30mm FROM TERMINAL TIP.
4. THE PIN #1 IDENTIFIER MUST EXIST ON THE TOP SURFACE OF THE PACKAGE BY USING INDENTATION MARK OR OTHER FEATURE OF PACKAGE BODY.
5. THE SHAPE SHOWN ON FOUR CORNERS ARE NOT ACTUAL I/O.
6. BILATERAL COPLANARITY ZONE APPLIES TO THE EXPOSED PAD AS WELL AS THE TERMINALS.
7. Q AND R APPLIES ONLY FOR STRAGHT TIEBAR SHAPES.
8. MARKING SHOWN IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
9. N IS THE NUMBER OF TERMINALS.
NE IS THE NUMBER OF TERMINALS IN X-DIRECTION
ND IS THE NUMBER OF TERMINALS IN Y-DIRECTION.
10. MATERIAL MUST BE COMPLIANT WITH MAXIM SPECIFICATION 10-0131 FOR SUBSTANCE CONTENT, MUST BE Eu ROHS COMPLIANT WITHOUT EXEMPTION AND PB-FREE.
11. ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbFREE (+) PKG. CODES.
12. PKG CODE: G3255-2

| SYMBOL | COMMON DIMENSIONS | | |
|--------|-------------------|------|------|
| | MIN. | NOM. | MAX. |
| A | 0.80 | 0.85 | 0.90 |
| A1 | 0.00 | 0.01 | 0.05 |
| A2 | 0.60 | 0.65 | 0.70 |
| A3 | 0.20 REF | | |
| b | 0.18 | 0.23 | 0.30 |
| D | 5.00 BSC | | |
| D1 | 4.75 BSC | | |
| D2 | 3.00 | 3.10 | 3.20 |
| E | 5.00 BSC | | |
| E1 | 4.75 BSC | | |
| E2 | 3.00 | 3.10 | 3.20 |
| e | 0.50 BSC | | |
| L | 0.30 | 0.40 | 0.50 |
| θ | 0 | - | 12° |
| P | 0.24 | 0.42 | 0.60 |
| Q | 0.30 | 0.40 | 0.65 |
| R | 0.13 | 0.17 | 0.23 |



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