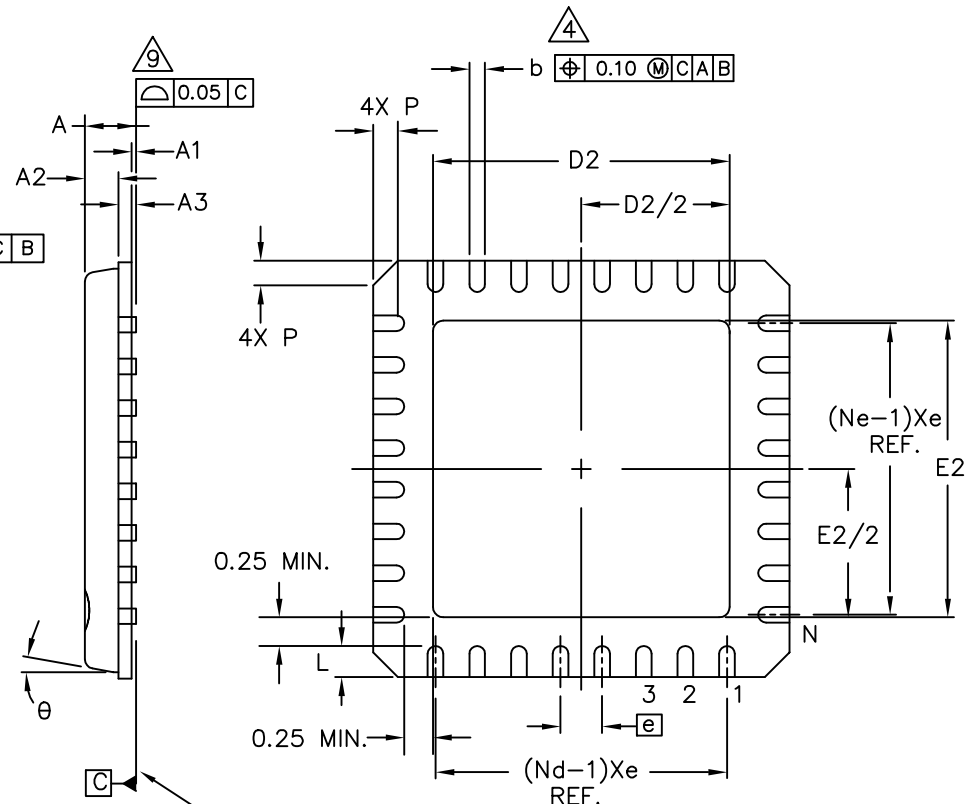
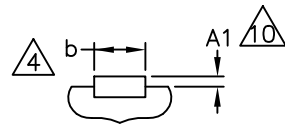
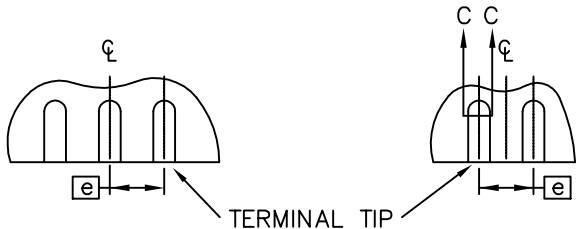


TOP VIEW



SIDE VIEW

BOTTOM VIEW



SECTION "C-C"
SCALE: NONE

FOR ODD TERMINAL/SIDE FOR EVEN TERMINAL/SIDE

-DRAWING NOT TO SCALE-

| | | | |
|---|---------------------------------|-----------|-----|
| MAXIM | | | |
| TITLE: PACKAGE OUTLINE, 52L QFN, 8x8x0.85mm | | | |
| APPROVAL | DOCUMENT CONTROL NO. 21-0129 | REV. C | 1/2 |


NOTES:

1. DIE THICKNESS ALLOWABLE IS 0.305mm MAXIMUM (.012 INCHES MAXIMUM).
2. DIMENSIONING & TOLERANCES CONFORM TO ASME Y14.5M, - 1994.
3. N IS THE NUMBER OF TERMINALS.
Nd IS THE NUMBER OF TERMINALS IN X-DIRECTION &
Ne IS THE NUMBER OF TERMINALS IN Y-DIRECTION.
4. DIMENSION b APPLIES TO PLATED TERMINAL AND IS MEASURED BETWEEN 0.20 AND 0.25mm FROM TERMINAL TIP.
5. THE PIN #1 IDENTIFIER MUST BE LOCATED ON THE TOP SURFACE OF THE PACKAGE. EITHER AN INDENTATION MARK OR INK/LASER MARK IS ACCEPTABLE.
6. EXACT SHAPE AND SIZE OF THIS FEATURE IS OPTIONAL.
7. ALL DIMENSIONS ARE IN MILLIMETERS.
8. PACKAGE WARPAGE MAX 0.05mm.
9. APPLIED FOR EXPOSED PAD AND TERMINALS.
EXCLUDE EMBEDDING PART OF EXPOSED PAD FROM MEASURING.
10. MEETS JEDEC MO220 WITH EXCEPTION OF THE EXPOSED PAD DIMENSION.
11. THIS PACKAGE OUTLINE APPLIES TO PUNCHED QFN (STEPPED SIDES).
12. MARKING SHOWN IS FOR PKG. ORIENTATION REFERENCE ONLY.
13. ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbFREE (+) PKG. CODES.

| SYMBOL | COMMON DIMENSIONS | | | NOTE |
|--------------------|-------------------|------|------|------|
| | MIN. | NOM. | MAX. | |
| A | 0.80 | 0.85 | 0.90 | |
| A1 | 0.00 | 0.01 | 0.05 | |
| A2 | 0.00 | 0.65 | 1.00 | |
| A3 | 0.20 REF. | | | |
| D | 8.00 BSC | | | |
| D1 | 7.75 BSC | | | |
| E | 8.00 BSC | | | |
| E1 | 7.75 BSC | | | |
| θ | 0° | | 12° | |
| P | 0 | | 0.60 | |
| D2 | 2.25 | | 6.25 | |
| E2 | 2.25 | | 6.25 | |
| PKG. CODE: G5288-1 | | | | |

| SYMBOL | PITCH VARIATION C | | | NOTE |
|--------|-------------------|------|------|------|
| | MIN. | NOM. | MAX. | |
| Ⓢ | 0.50 BSC | | | |
| N | 52 | | | 3 |
| Nd | 13 | | | 3 |
| Ne | 13 | | | 3 |
| L | 0.35 | 0.55 | 0.75 | |
| b | 0.18 | 0.23 | 0.30 | 4 |

-DRAWING NOT TO SCALE-

| | | | |
|---|---------------------------------|-----------|-----|
|  | | | |
| TITLE: PACKAGE OUTLINE, 52L QFN, 8x8x0.85mm | | | |
| APPROVAL | DOCUMENT CONTROL NO. 21-0129 | REV. C | 2/2 |