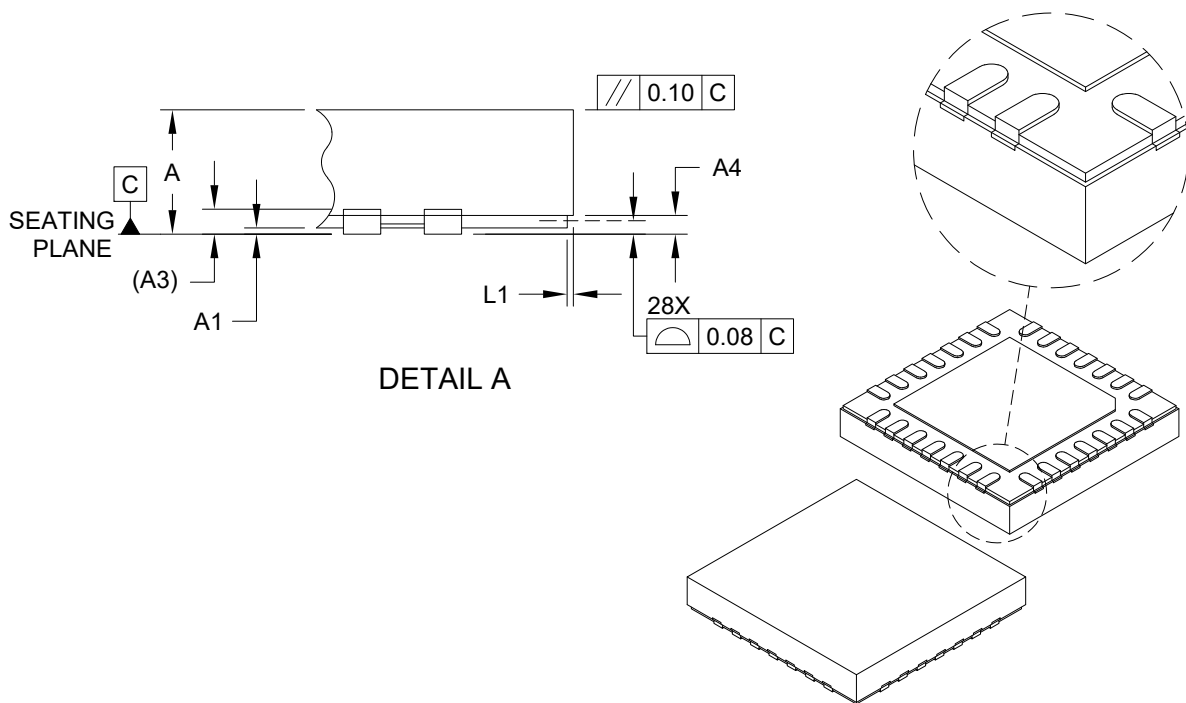


# 28-Lead Very Thin Plastic Quad Flat, No Lead Package (5N) - 6x6x1.0 mm Body [VQFN] 4.10x4.10 mm Exposed Pad and Stepped Wettable Flanks

**Note:** For the most current package drawings, please see the Microchip Packaging Specification located at <http://www.microchip.com/packaging>



| Dimension Limits        | Units | MILLIMETERS |       |       |
|-------------------------|-------|-------------|-------|-------|
|                         |       | MIN         | NOM   | MAX   |
| Number of Terminals     | N     | 28          |       |       |
| Pitch                   | e     | 0.65 BSC    |       |       |
| Overall Height          | A     | 0.80        | 0.90  | 1.00  |
| Standoff                | A1    | 0.00        | 0.02  | 0.05  |
| Terminal Thickness      | A3    | 0.20 REF    |       |       |
| Step Height             | A4    | 0.10        | –     | 0.19  |
| Overall Width           | E     | 6.00 BSC    |       |       |
| Exposed Pad Width       | E2    | 4.00        | 4.10  | 4.20  |
| Overall Length          | D     | 6.00 BSC    |       |       |
| Exposed Pad Length      | D2    | 4.00        | 4.10  | 4.20  |
| Terminal Width          | b     | 0.25        | 0.30  | 0.35  |
| Terminal Length         | L     | 0.50        | 0.60  | 0.70  |
| Step Length             | L1    | 0.035       | 0.060 | 0.085 |
| Terminal-to-Exposed Pad | K     | 0.35 REF    |       |       |

**Notes:**

1. Pin 1 visual index feature may vary, but must be located within the hatched area.
2. Package is saw singulated
3. Dimensioning and tolerancing per ASME Y14.5M

BSC: Basic Dimension. Theoretically exact value shown without tolerances.

REF: Reference Dimension, usually without tolerance, for information purposes only.