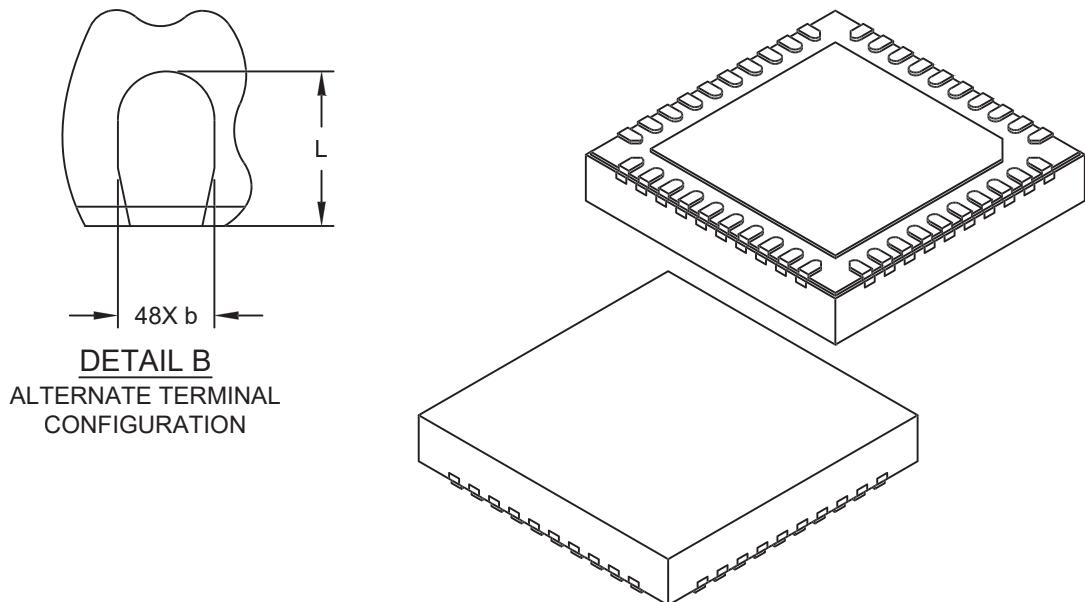


**40-Lead Very Thin Plastic Quad Flat, No Lead Package (NHX) - 5x5x1 mm Body [VQFN]
With 3.7x3.7 mm Exposed Pad and Wettable Flanks**

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



| Units | | MILLIMETERS | | |
|-------------------------|--|-------------------|-----|-----|
| Dimension Limits | | MIN | NOM | MAX |
| Number of Terminals | | 40 | | |
| Pitch | | e 0.40 BSC | | |
| Overall Height | | A 0.80 0.90 1.00 | | |
| Standoff | | A1 0.00 0.02 0.05 | | |
| Terminal Thickness | | A3 0.203 REF | | |
| Overall Length | | D 5.00 BSC | | |
| Exposed Pad Length | | D2 3.60 3.70 3.80 | | |
| Overall Width | | E 5.00 BSC | | |
| Exposed Pad Width | | E2 3.60 3.70 3.80 | | |
| Terminal Width | | b 0.15 0.20 0.25 | | |
| Terminal Length | | L 0.30 0.40 0.50 | | |
| Wettable Flank Height | | A4 0.10 - 0.19 | | |
| Wettable Flank Width | | E3 - - 0.085 | | |
| Terminal-to-Exposed-Pad | | K 0.25 REF | | |

Notes:

1. The Pin 1 visual index feature may vary, but it must be located within the hatched area.
2. The 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.