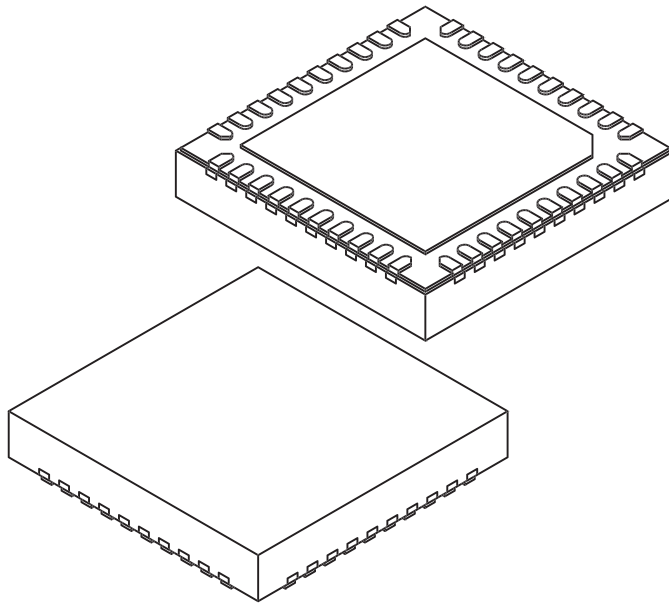
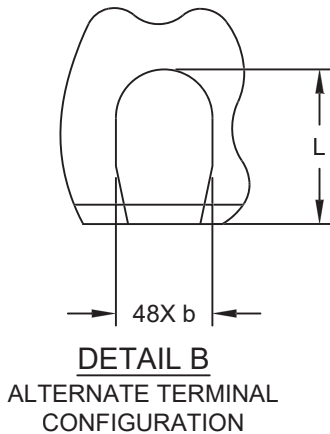


**40-Lead Very Thin Plastic Quad Flat, No Lead Package (NHX) - 5x5x1 mm Body [VQFN]  
With 3.7x3.7 mm Exposed Pad and Wettable Flanks**

**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	N	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.