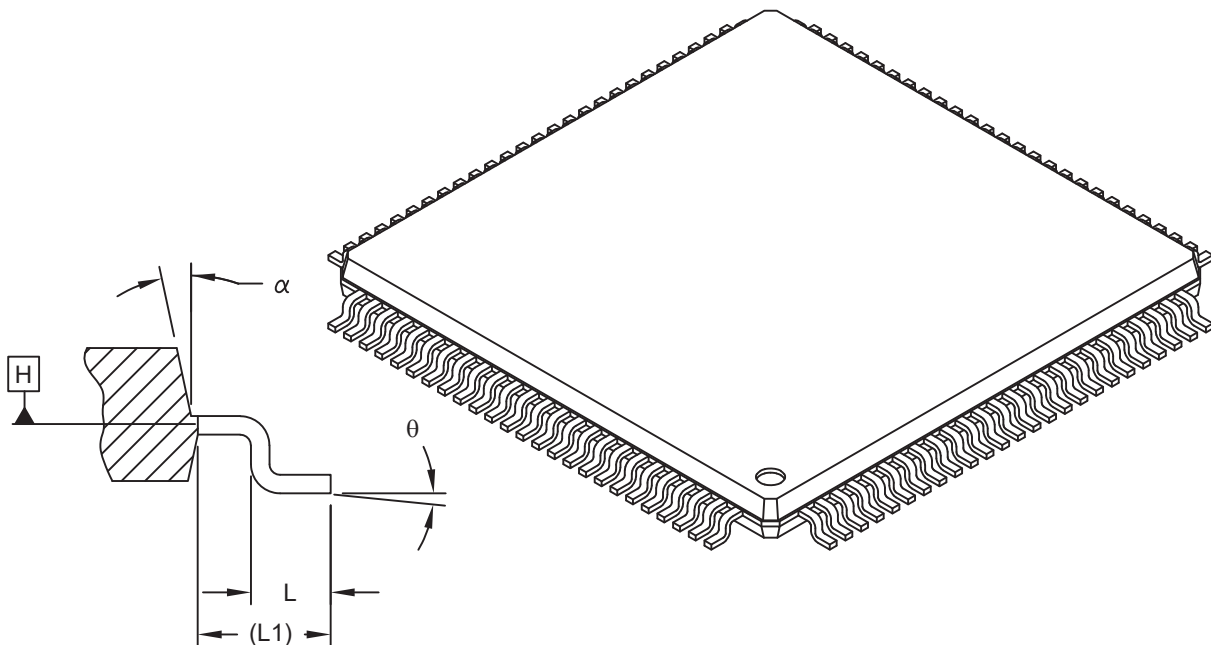


100-Lead Plastic Thin Quad Flatpack (E5X) - 14x14x1 mm Body [TQFP]; With 2.00 mm Footprint

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



SECTION A-A

Dimension Limits	Units	MILLIMETERS		
		MIN	NOM	MAX
Number of Leads	N	100		
Lead Pitch	e	0.50 BSC		
Overall Height	A	-	-	1.20
Standoff	A1	0.05	-	0.15
Molded Package Thickness	A2	0.95	1.00	1.05
Foot Length	L	0.45	0.60	0.75
Footprint	L1	1.00 REF		
Foot Angle	θ	0°	-	7°
Overall Width	E	16.00 BSC		
Overall Length	D	16.00 BSC		
Molded Package Width	E1	14.00 BSC		
Molded Package Length	D1	14.00 BSC		
Lead Width	b	0.17	0.22	0.27
Mold Draft Angle Top	α	11°	-	13°

Notes:

1. The Pin 1 visual index feature may vary, but it must be located within the hatched area.
2. Dimensioning and tolerancing per ASME Y14.5M.

BSC: Basic Dimension. The theoretically exact value is shown without tolerances.

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