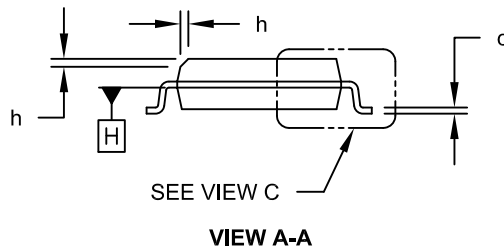
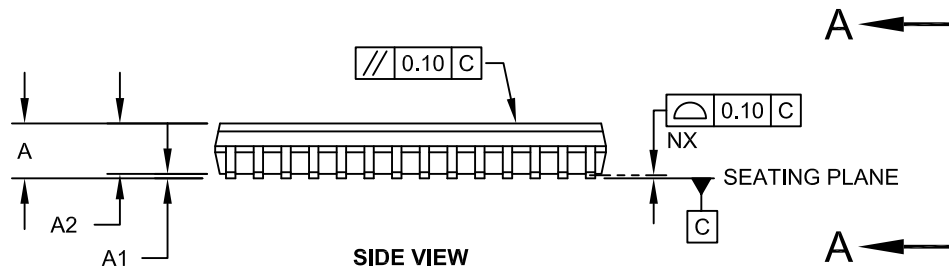
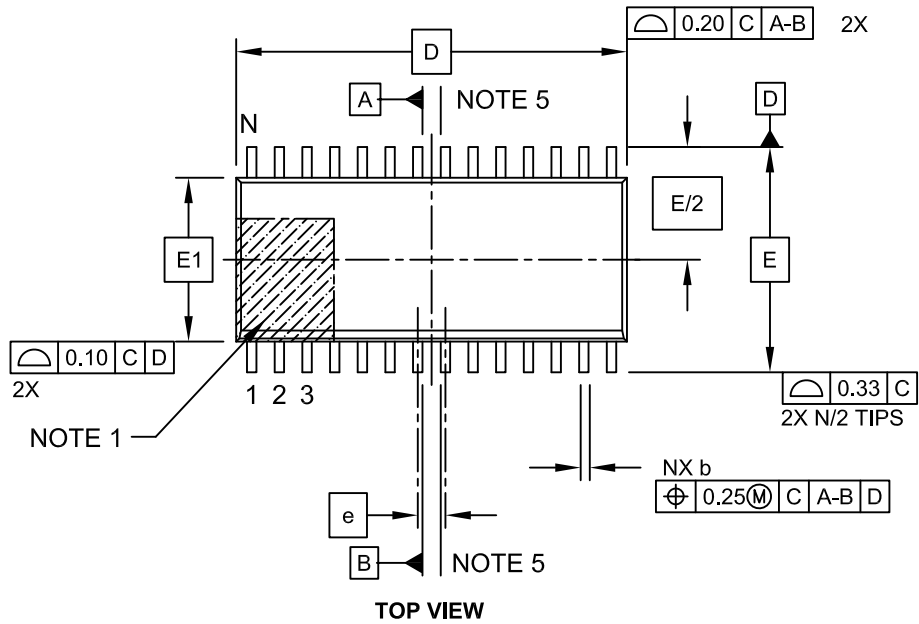


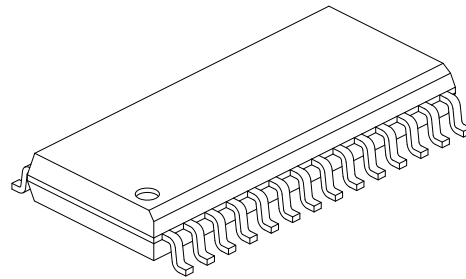
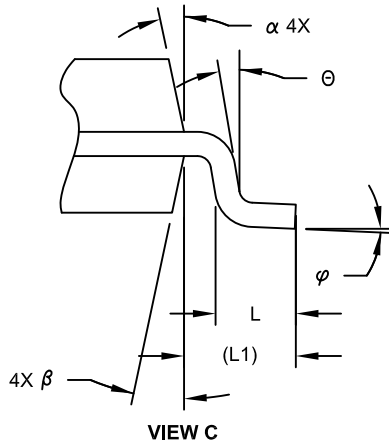
28-Lead Plastic Small Outline (SO) - Wide, 7.50 mm Body [SOIC]

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



28-Lead Plastic Small Outline (SO) - Wide, 7.50 mm Body [SOIC]

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



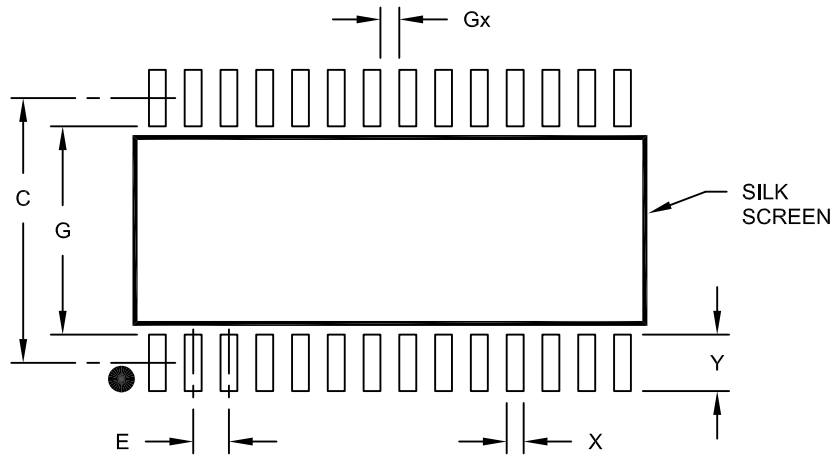
		Units	MILLIMETERS		
Dimension Limits			MIN	NOM	MAX
Number of Pins	N		28		
Pitch	e		1.27 BSC		
Overall Height	A	-	-	-	2.65
Molded Package Thickness	A2	2.05	-	-	-
Standoff §	A1	0.10	-	-	0.30
Overall Width	E		10.30 BSC		
Molded Package Width	E1		7.50 BSC		
Overall Length	D		17.90 BSC		
Chamfer (Optional)	h	0.25	-	-	0.75
Foot Length	L	0.40	-	-	1.27
Footprint	L1		1.40 REF		
Lead Angle	θ	0°	-	-	-
Foot Angle	φ	0°	-	-	8°
Lead Thickness	c	0.18	-	-	0.33
Lead Width	b	0.31	-	-	0.51
Mold Draft Angle Top	α	5°	-	-	15°
Mold Draft Angle Bottom	β	5°	-	-	15°

Notes:

- Pin 1 visual index feature may vary, but must be located within the hatched area.
- § Significant Characteristic
- Dimension D does not include mold flash, protrusions or gate burrs, which shall not exceed 0.15 mm per end. Dimension E1 does not include interlead flash or protrusion, which shall not exceed 0.25 mm per side.
- 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.
- Datums A & B to be determined at Datum H.

28-Lead Plastic Small Outline (SO) - Wide, 7.50 mm Body [SOIC]

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



RECOMMENDED LAND PATTERN

		Units	MILLIMETERS		
Dimension Limits			MIN	NOM	MAX
Contact Pitch	E	1.27 BSC			
Contact Pad Spacing	C			9.40	
Contact Pad Width (X28)	X				0.60
Contact Pad Length (X28)	Y				2.00
Distance Between Pads	Gx	0.67			
Distance Between Pads	G	7.40			

Notes:

1. Dimensioning and tolerancing per ASME Y14.5M

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

Microchip Technology Drawing No. C04-2052A