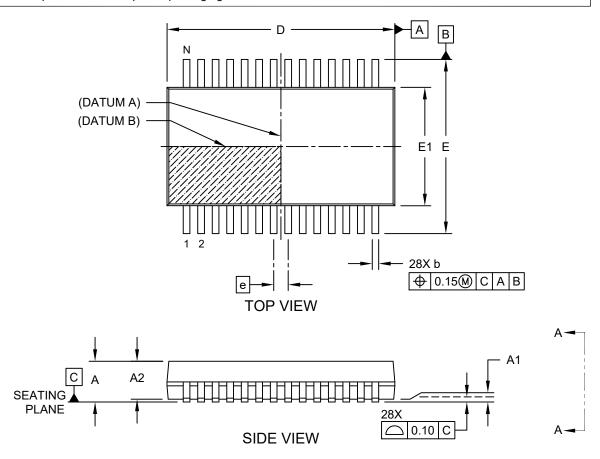
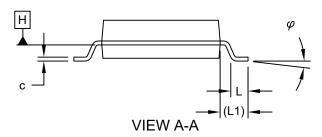


Packaging Diagrams and Parameters

28-Lead Plastic Shrink Small Outline (SS) - 5.30 mm Body [SSOP]

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





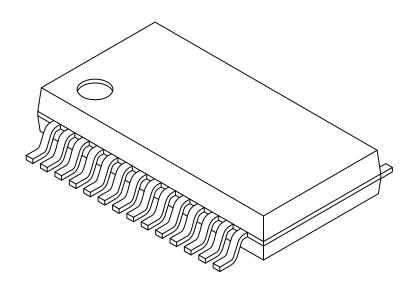
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Packaging Diagrams and Parameters

28-Lead Plastic Shrink Small Outline (SS) - 5.30 mm Body [SSOP]

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



	MILLIMETERS				
Dimension Limits		MIN	NOM	MAX	
Number of Pins	N	28			
Pitch	е	0.65 BSC			
Overall Height	Α	ı	-	2.00	
Molded Package Thickness	A2	1.65	1.75	1.85	
Standoff	A1	0.05	-	-	
Overall Width	Е	7.40	7.80	8.20	
Molded Package Width	E1	5.00	5.30	5.60	
Overall Length	D	9.90	10.20	10.50	
Foot Length	L	0.55	0.75	0.95	
Footprint	L1	1.25 REF			
Lead Thickness	С	0.09	-	0.25	
Foot Angle	φ	0°	4°	8°	
Lead Width	b	0.22	-	0.38	

Notes:

- 1. Pin 1 visual index feature may vary, but must be located within the hatched area.
- 2. Dimensions D and E1 do not include mold flash or protrusions. Mold flash or protrusions shall not exceed 0.20mm per side.
- 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.

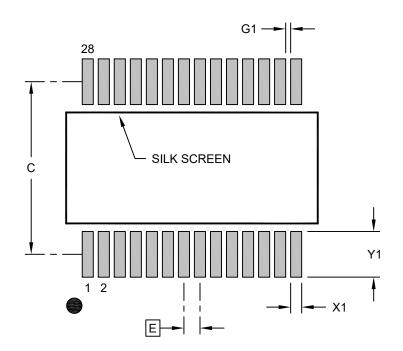
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Land Pattern

28-Lead Plastic Shrink Small Outline (SS) - 5.30 mm Body [SSOP]

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



RECOMMENDED LAND PATTERN

	MILLIMETERS			
Dimension Limits		MIN	NOM	MAX
Contact Pitch	E	0.65 BSC		
Contact Pad Spacing	С		7.00	
Contact Pad Width (X28)	X1			0.45
Contact Pad Length (X28)	Y1			1.85
Contact Pad to Center Pad (X26)	G1	0.20		

Notes:

- Dimensioning and tolerancing per ASME Y14.5M
 BSC: Basic Dimension. Theoretically exact value shown without tolerances.
- 2. For best soldering results, thermal vias, if used, should be filled or tented to avoid solder loss during reflow process

Microchip Technology Drawing C04-2073 Rev B