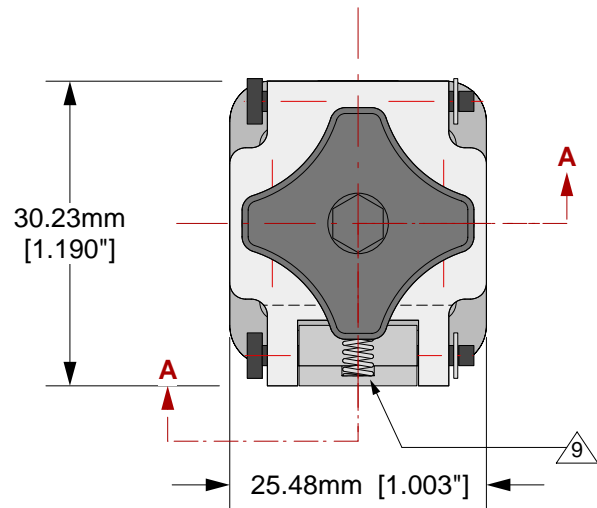
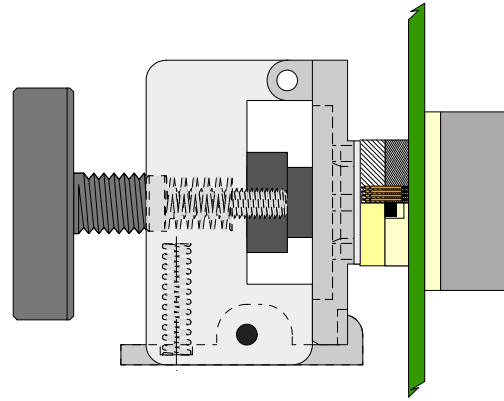
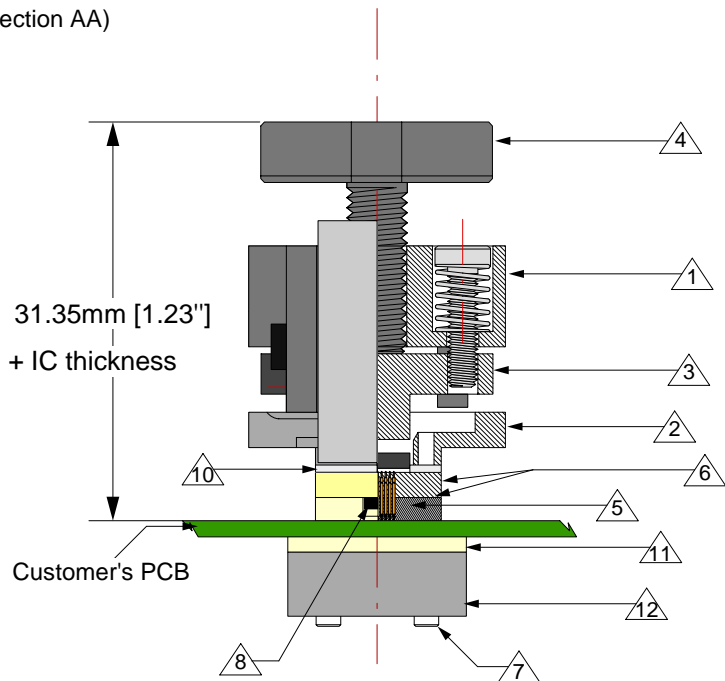


Top View



Side View
(Section AA)




Features

- Directly mounts to target PCB (needs tooling holes) with hardware
- Minimum real estate required
- Compression plate distributes forces evenly
- Clamshell lid

Materials:

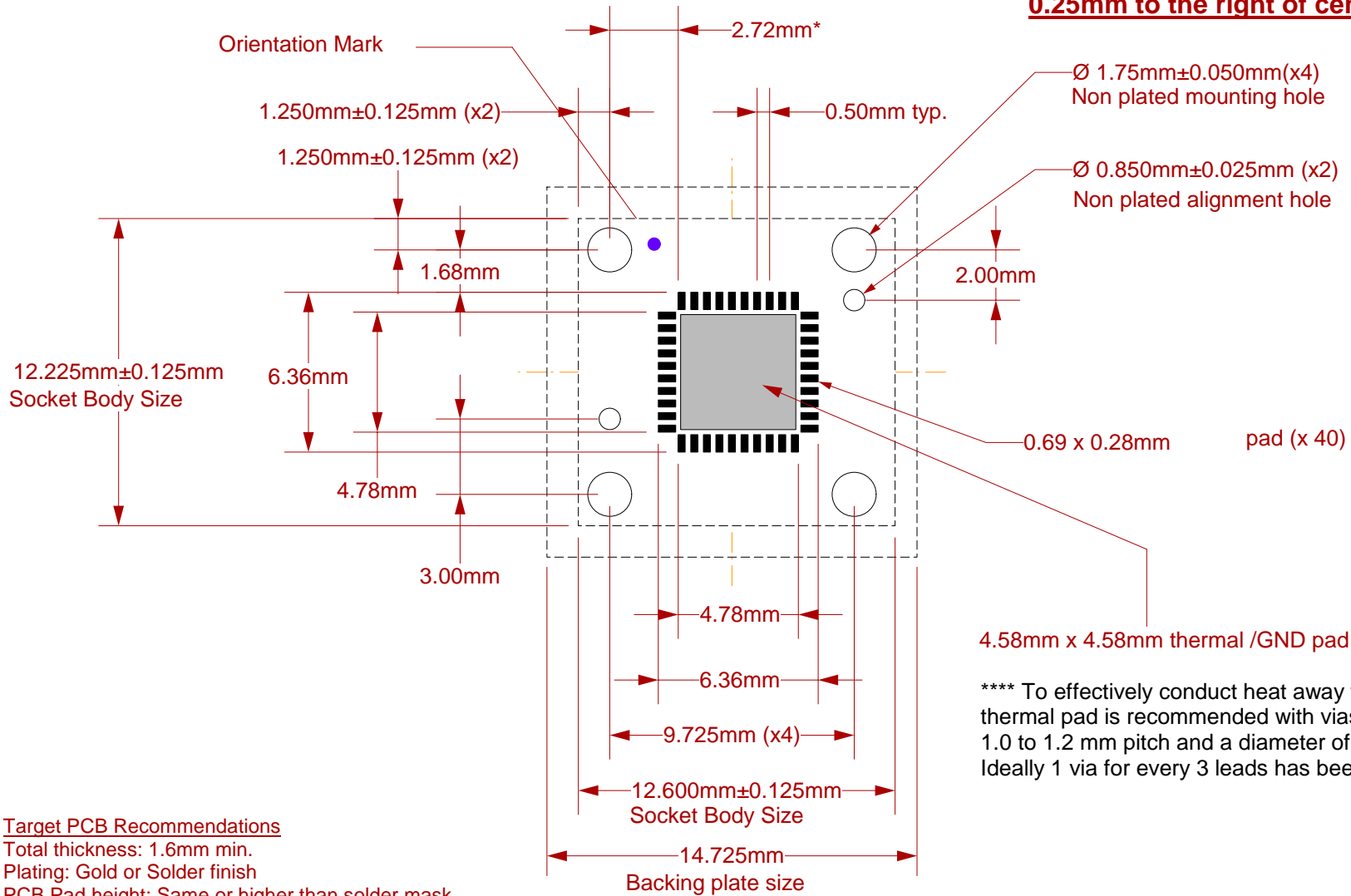
- △1 Clam Shell Lid: Black anodized Aluminum. Height = 14.5 mm.
- △2 Socket Base: Black anodized Aluminum. Height = 4.5 mm.
- △3 Compression Plate: Black anodized Aluminum. Thickness = 6.5 mm.
- △4 Compression Screw: Clear anodized Aluminum. Height = 21 mm, Fluted Knob
- Pogo Pin:
 - △5 Plungers - Hardened Steel/ Gold plated
 - Barrel - Copper Alloy/ Gold plated
 - Spring - Stainless Steel/ Gold wire
- △6 Pogo Pin Guides: Ultem 1000.
- △7 Socket Base Screw: Socket Head Cap Screw, alloy steel with black oxide finish, 0-80 Thread, 5/8" long.
- △8 Pogo Pin Guide Screw: Pan head phillips, 18-8 SS, 0-80 thread, 3/16" long.
- △9 Latch: Black anodized Aluminum.
- △10 IC Guide: Ultem.
- △11 Insulation Plate: FR4/G10
- △12 Backing Plate: Black anodized Aluminum.

All Tolerances: ±0.125mm (unless stated otherwise). Materials and specifications are subject to change without notice.

	SS-QFN40A-01 Drawing	Status: Released	Scale: 1.25:1	Rev: B
	© 2006 IRONWOOD ELECTRONICS, INC. 11351 Rupp Drive, Suite 400, Burnsville, MN 55337 Tele: (952) 229-8200 www.ironwoodelectronics.com	Drawing: H. Hansen	Date: 2/1/06	
		File: SS-QFN40A-01 Dwg	Modified: 3/15/07	


Recommended PCB Layout
Top View

***Note: MLF pattern is not symmetrical with respect to the mounting holes. It is offset 0.25mm to the right of center.**

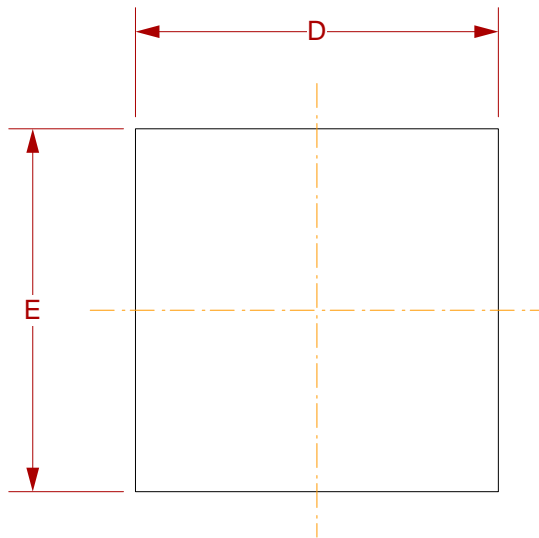


Target PCB Recommendations

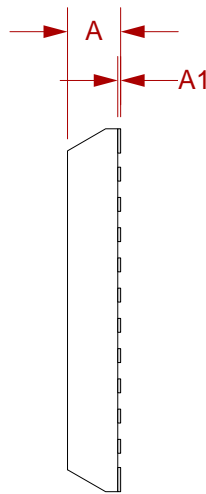
Total thickness: 1.6mm min.
Plating: Gold or Solder finish
PCB Pad height: Same or higher than solder mask

	SS-QFN40A-01 Drawing	Status: Released	Scale: 4:1	Rev: B
	© 2006 IRONWOOD ELECTRONICS, INC. 11351 Rupp Drive, Suite 400, Burnsville, MN 55337 Tele: (952) 229-8200 www.ironwoodelectronics.com	Drawing: H. Hansen		Date: 2/1/06
		File: SS-QFN40A-01 Dwg	Modified: 3/15/07	

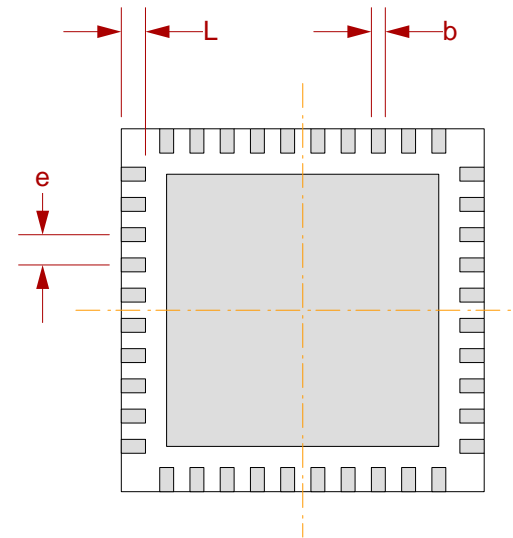
Recommended PCB Layout Tolerances:
±0.025mm [±0.001"] unless stated otherwise.
All dimensions are in mm.



Top View



Side View




Bottom View

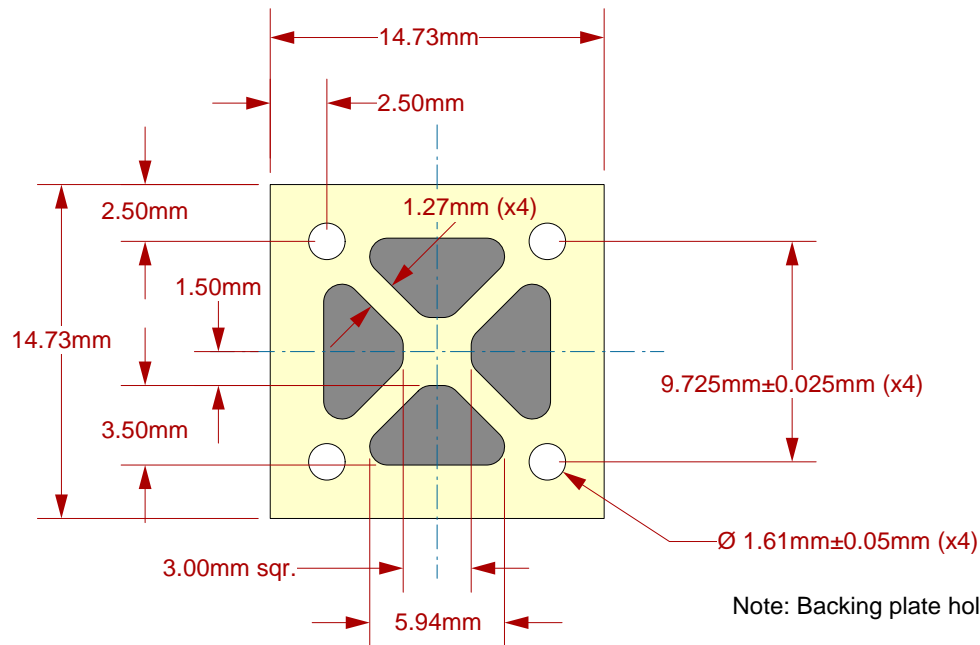
1. Dimensions are in millimeters.
2. Interpret dimensions and tolerances per ASME Y14.5M-1994.

DIM	MIN	MAX
A		0.85
A1		0.02
b		0.23
L		0.40
D	6.00 BSC	
E	6.00 BSC	
e	0.5 BSC	

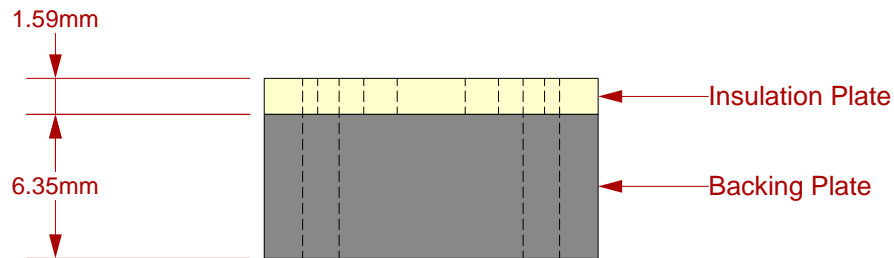
40 Leads

	SS-QFN40A-01 Drawing	Status: Released	Scale:	Rev: B
	© 2006 IRONWOOD ELECTRONICS, INC. 11351 Rupp Drive, Suite 400, Burnsville, MN 55337 Tele: (952) 229-8200 www.ironwoodelectronics.com	Drawing: H. Hansen		Date: 2/1/06
		File: SS-QFN40A-01 Dwg	Modified: 3/15/07	


Top View



Side View



Description: Insulation Plate and Backing Plate

	SS-QFN40A-01 Drawing	Status: Released	Scale:	Rev: B
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		File: SS-QFN40A-01 Dwg	Modified: 3/15/07	

All dimensions are in mm.
All tolerances are $\pm 0.125\text{mm}$.
(Unless stated otherwise)