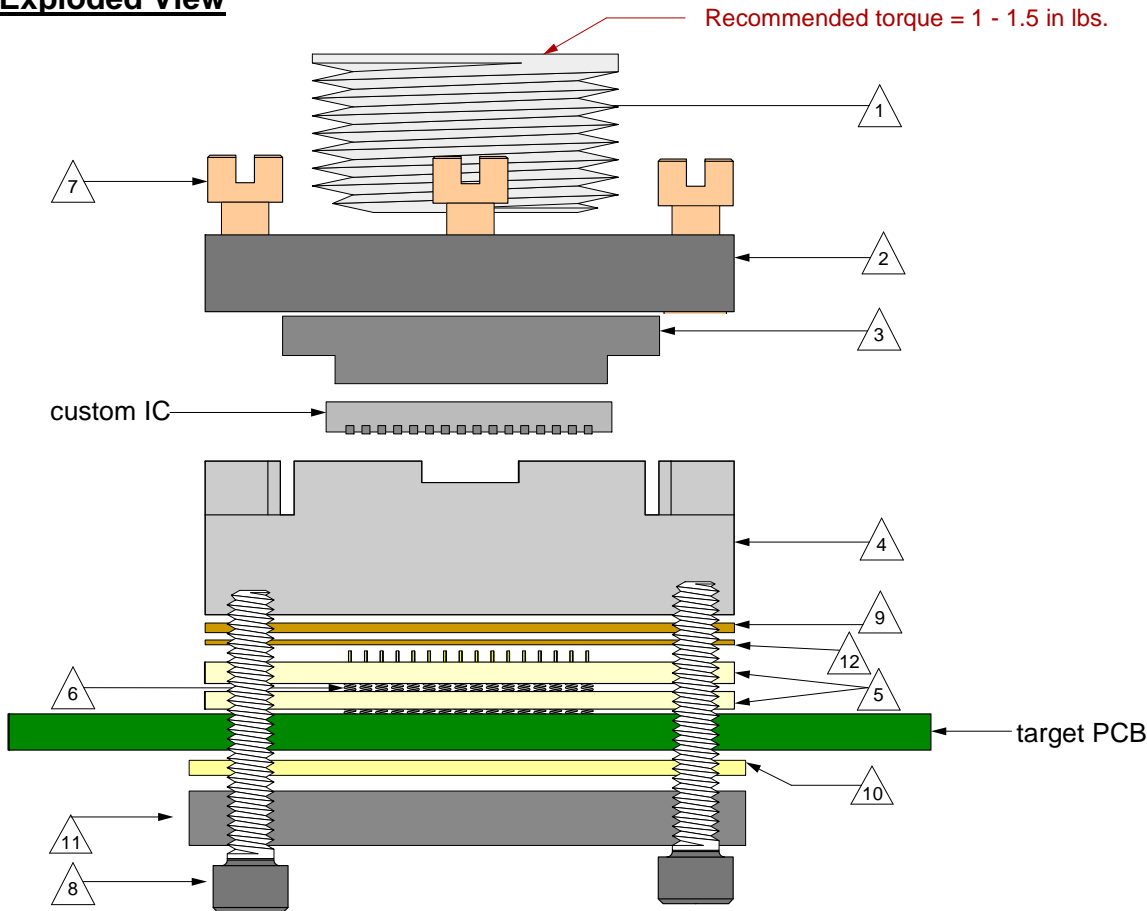


QFN Socket - Direct mount, solderless


Features

- Directly mounts to target PCB (needs tooling holes) with hardware.
- High speed, reliable SBT-Pin connection
- Minimum real estate required
- Compression plate distributes forces evenly
- Easily removable swivel socket lid

Exploded View



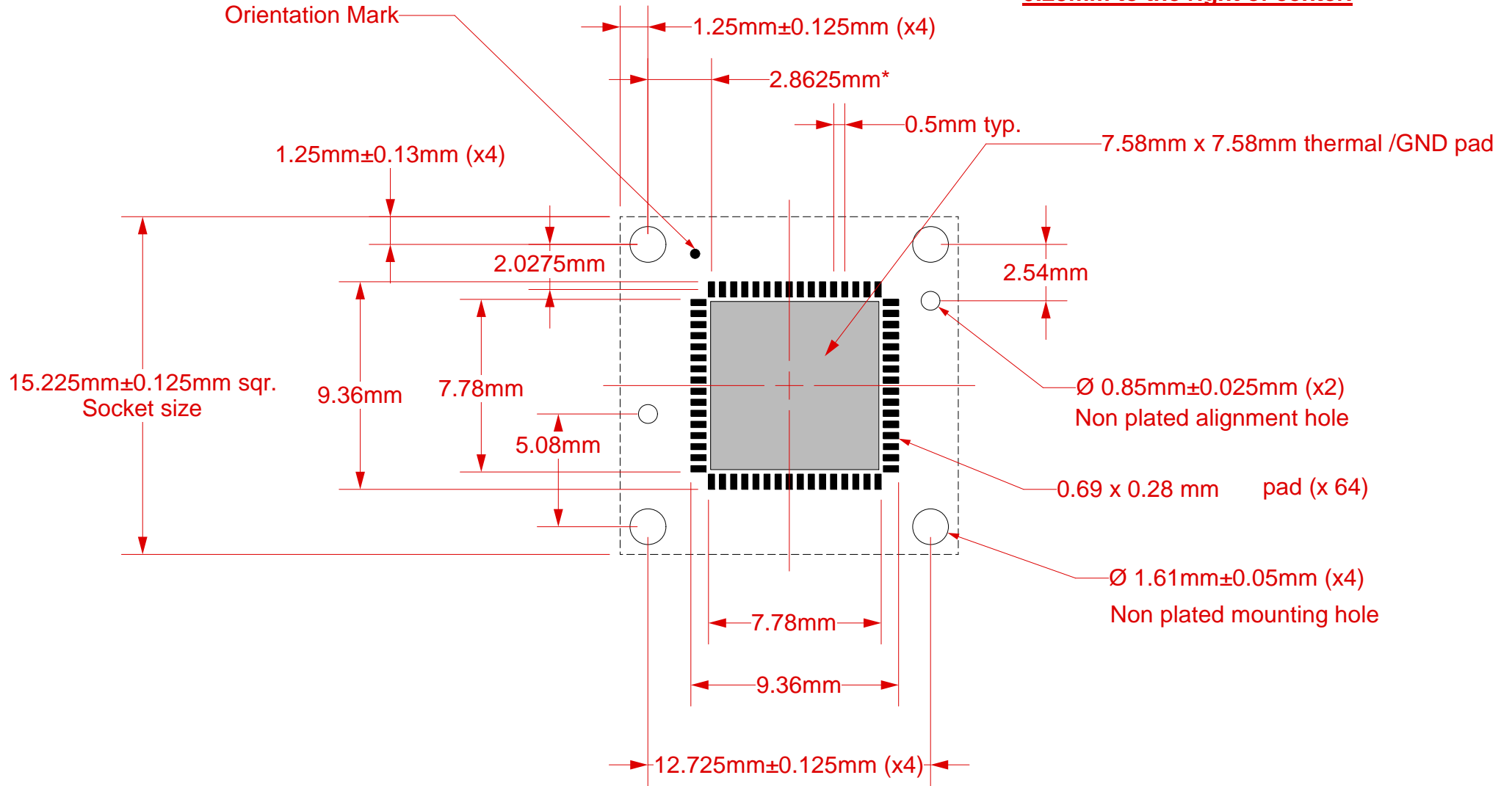
- 1 Compression screw: Nickel Plated Aluminum. Thickness = 5mm, Hex socket = 5mm.
- 2 Socket Lid: Nickel Plated Aluminum. Thickness = 2.5mm.
- 3 Compression Plate: Nickel Plated Aluminum. Thickness = 2.5mm.
- 4 Socket base: Nickel Plated Aluminum. Thickness = 5mm.
- 5 Pin guides: Ceramic Filled Peek.
- 6 SBT-Pin Interconnect: BeCu, Au Plated contacts.
- 7 Socket lid screw: Shoulder Screw, 18-8 SS, 0-80 fine thread.
- 8 Socket base screw: Socket head cap, alloy steel with black oxide finish, 0-80 fine thread , 9.525mm long.
- 9 IC Guide: Ultem
- 10 Insulation Plate: FR4
- 11 Backing Plate: Nickel Plated Aluminum. Thickness = 4mm.
- 12 Pin Orientation Guide: Kapton Polyimide / Cirlex Thickness = 0.0508mm

SBT-QFN-4001 Drawing		Status: Released	Scale: -	Rev: D
 <p>© 2010 IRONWOOD ELECTRONICS, INC. Tele: (800) 404-0204 www.ironwoodelectronics.com</p>	Drawing: Umer Qureshi		Date: 03/10/10	
	File: SBT-QFN-4001 Dwg.mcd		Modified: 6/19/13	

All tolerances: $\pm 0.125\text{mm}$ (unless stated otherwise). Materials and specifications are subject to change without notice.

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.**




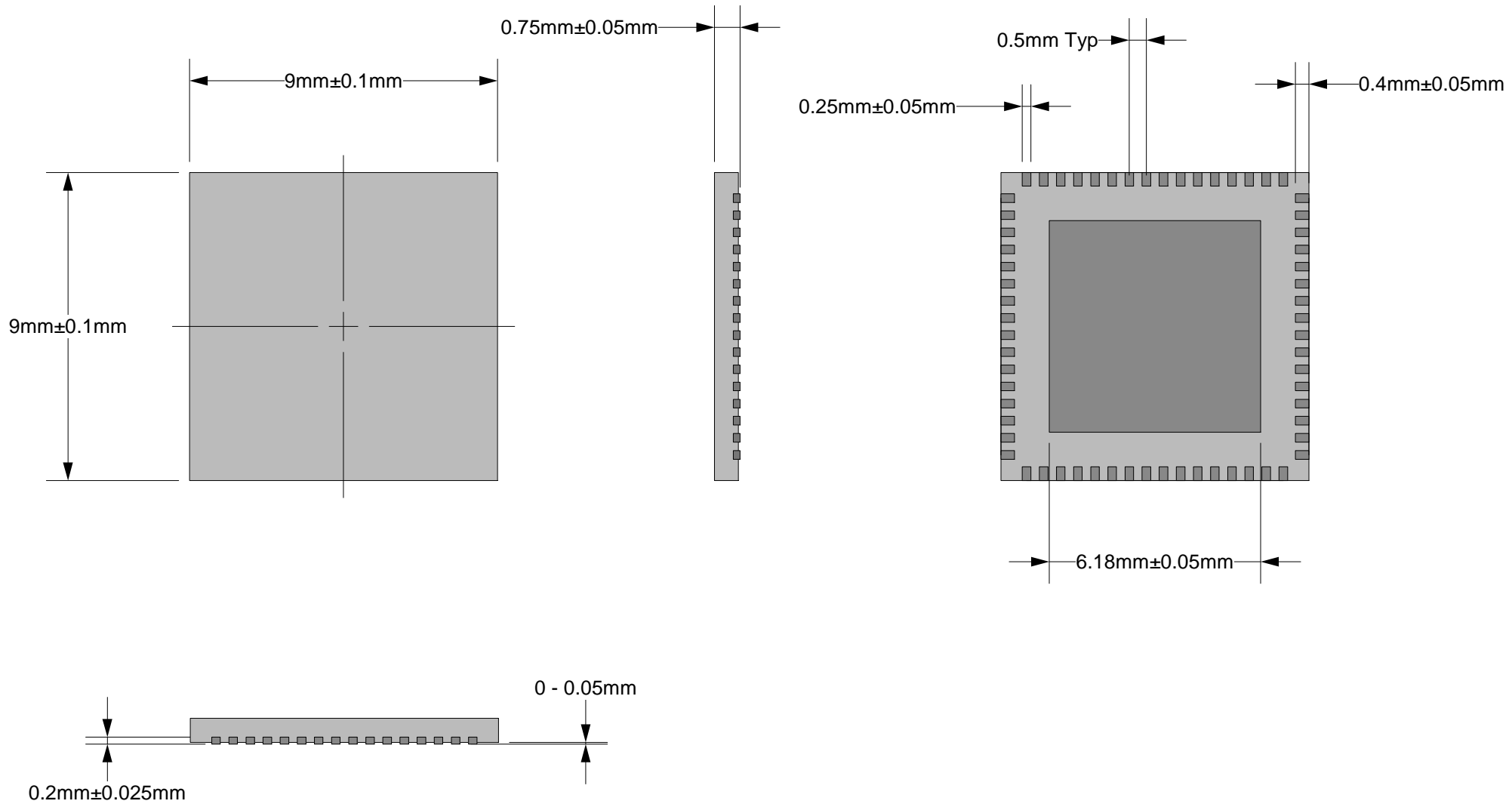
QFN64A


Target PCB Recommendations

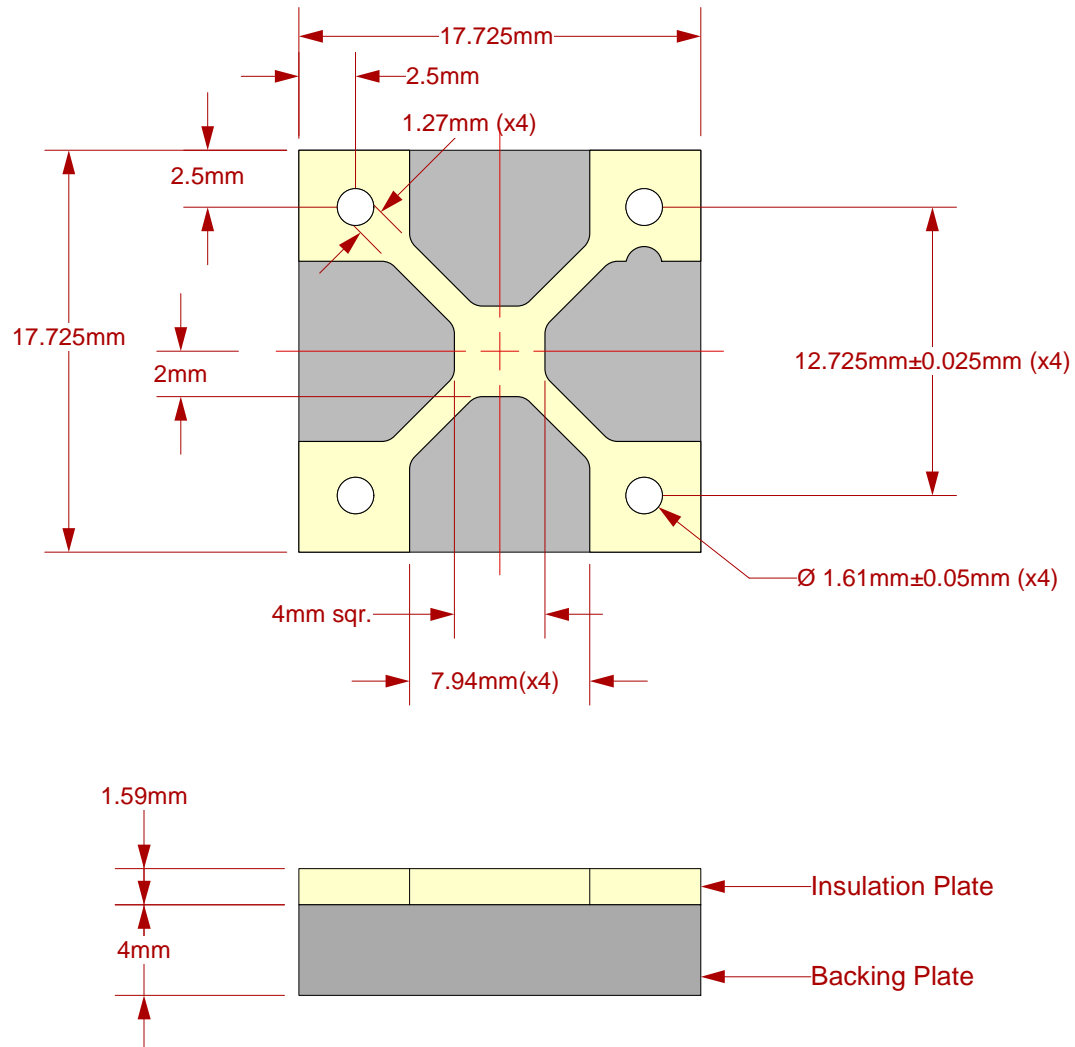
- Total thickness: 1.6mm min.
- Plating: Gold or Solder finish
- PCB Pad height: Same or higher than solder mask


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

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		File: SBT-QFN-4001 Dwg.mcd	Modified: 6/19/13	