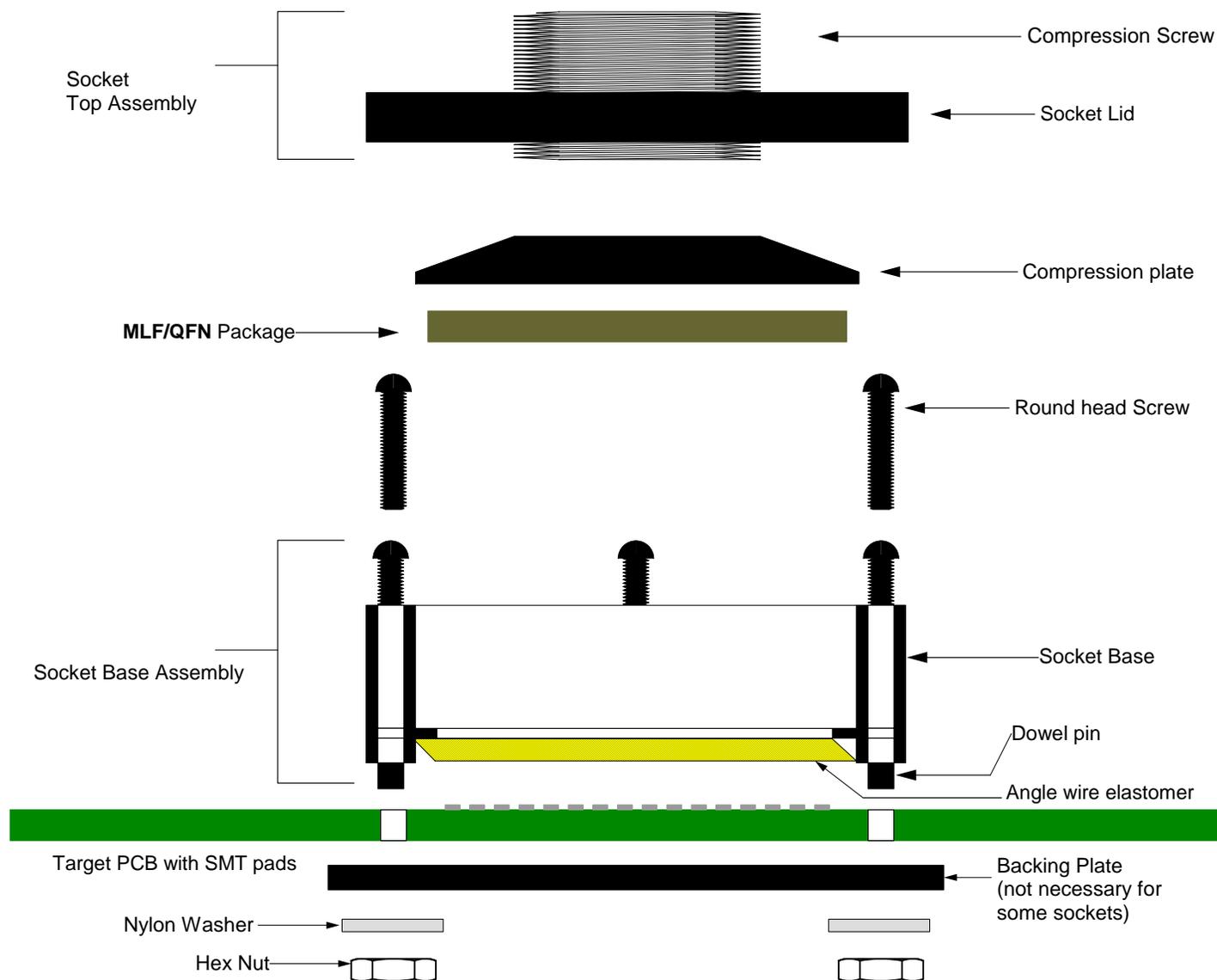# GHz MLF/QFN Socket (direct mount - hardware) Assembly Instructions

## Tooling holes have to be designed into the target PCB for this version of the GHz MLF/QFN socket
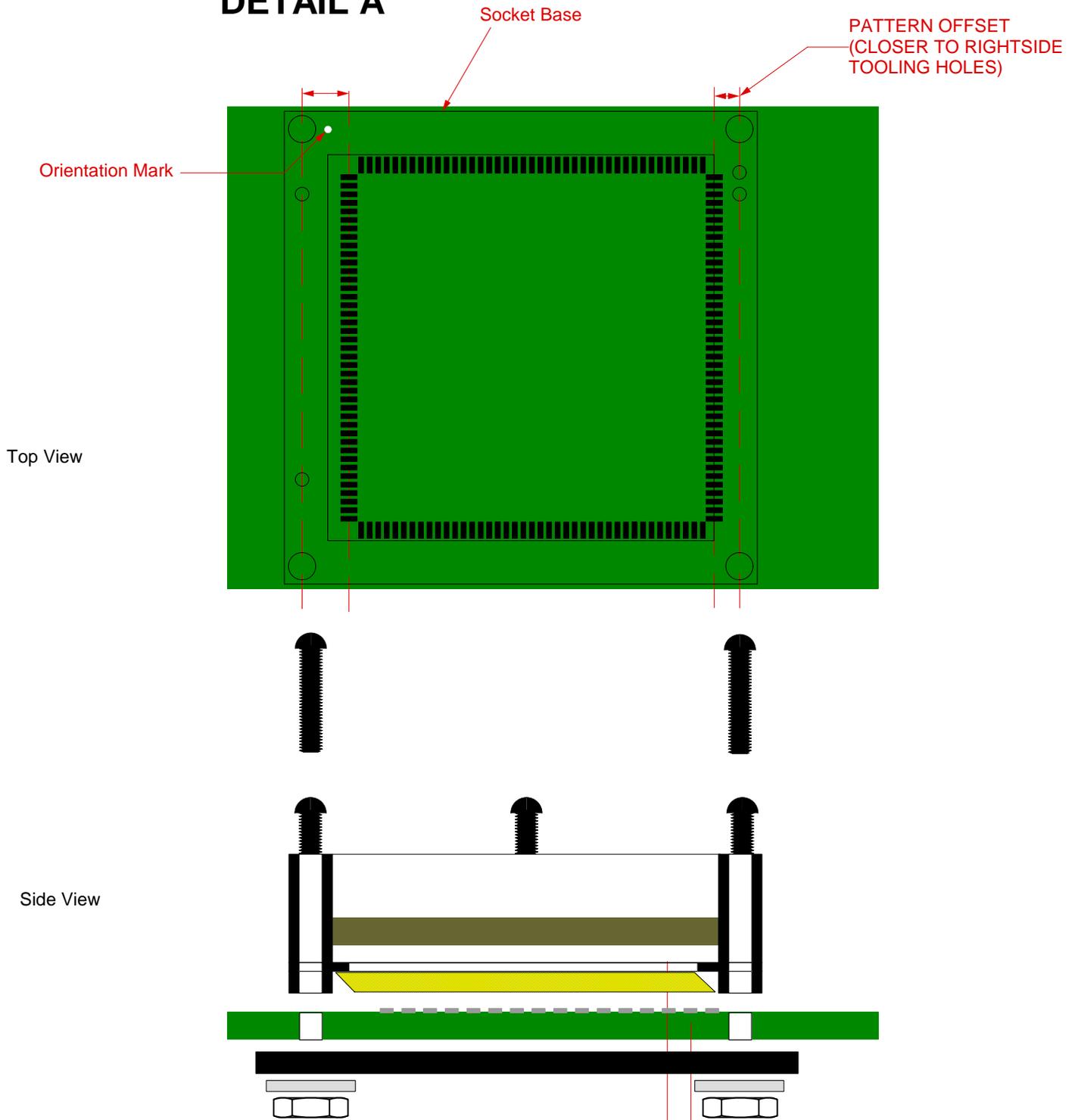
1. Install the socket base assembly on the target PCB with the hardware (0-80 screws and nuts) provided (see Detail A for orientation).

2. Place MLF/QFN package into the socket. NOTE: MLF/QFN orientation on target PCB is critical.

3. Place the compession plate on top of the MLF/QFN package.

4. Install the socket top assembly on to the socket base assembly and swivel to lock into the position.

5. Turn the compression screw clockwise, until it makes contact with the compression plate or the MLF/QFN package.

6. Turn an additional 1/8th of a turn.



Socket Top Assembly

Compression Screw

Socket Lid

Compression plate

MLF/QFN Package

Round head Screw

Socket Base Assembly

Socket Base

Dowel pin

Angle wire elastomer

Target PCB with SMT pads

Backing Plate (not necessary for some sockets)

Nylon Washer

Hex Nut

Filename: MLI.mcd, Rev A, 9/4/02, WW

### DETAIL A

Socket Base

PATTERN OFFSET
(CLOSER TO RIGHTSIDE
TOOLING HOLES)

Orientation Mark

Top View

Side View

NOTE: WHEN PLACING SOCKET BASE ASSEMBLY,
ORIENTATION MARK SHOULD BE ON THE UPPER
LEFT CORNER AS SHOWN IN THE TOP VIEW.

Offset