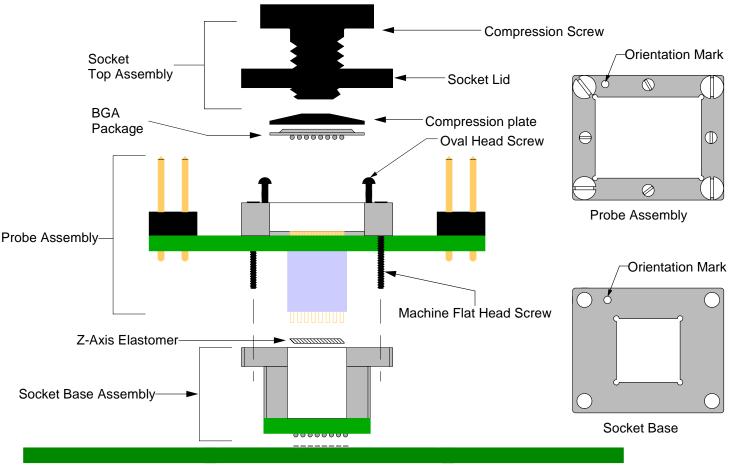
GHz BGA Probe Adapter (surface mount) Assembly Instructions

1. Reflow Socket Base assembly to the target PCB (as per BGA surface mount foot soldering instructions).

- 2. Place the square piece of elastomer provided into the socket base (rotation and orientation as shown).
- 3. Adjust the elastomer to sit into the Socket Base cavity and place the alignment plate on top of the Socket Base.
- 4. Place probe assembly into the socket, and assemble with the hardware provided (four 0-80 machine flat head screws).
- 5. Place BGA package (solder ball side down) into the socket on the probe assembly. NOTE: BGA orientation is critical.
- 5. Place the compession plate (if required*) on top of the BGA package.
- 6. Place the socket top assembly through oval head screws on to the socket using the key hole slot and slide.
- 7. Turn the compression screw clockwise, until it makes contact with the compression plate or the BGA package.
- 8. Turn an additional quarter-turn.



Target PCB with SMT pads

*Ironwood Electronics technical staff will determine (from your package spec) if a compression or alignment plate is required

