

Temperature Sense Mounting Instructions

1. Drill and tap a hole for a #6 screw in the heatsink, near one of the semiconductors. This should be near the hottest semiconductor at the hottest point on the heatsink.
2. Clean the area where the hole was drilled with alcohol and attach the piece of Kapton tape provided. The tape should be located to provide an electrical isolation barrier between the temperature sense circuit connections and the heatsink.
3. Using the #6 screw and nylon washers included (the nut may be discarded), mount the temperature sense to the heatsink, with the component side down. The Nylon washers should provide sufficient spacing so the temperature sense eight pin chip sits flush on the heatsink surface, above the Kapton tape.
4. On the BAP1950 board, plug the three (3) pin connector into the J12 header.
5. On the BAP1551, BAP1491 and BAP1491-F boards, plug the four (4) pin connector into the J2 header.

The mounted temperature sense should look like the figure below:

