Testing for Continuity

A **continuity test** is an **important test** in determining the damaged components or broken conductors in a circuit. It can also help in determining if the soldering is good, if the resistance is too high for flow of current or if the electrical wire is broken between two points.

On the Compass Laminator, verify continuity by removing connectors on the PC Board (example: heaters and sensor, see figure 3) and testing the circuit. Set Mutimeter (two types shown in figure 1) to continuity position as shown in figure 1. Place either red or black probe on one wire side of connector and one on the other side (this will complete the circuit) and a audible beep should sound along with a display change showing a OHM reading if circuit is completed, see figure 2. **If no sound circuit is broken** check wire connections**, if connections are good component is most likely faulty.**

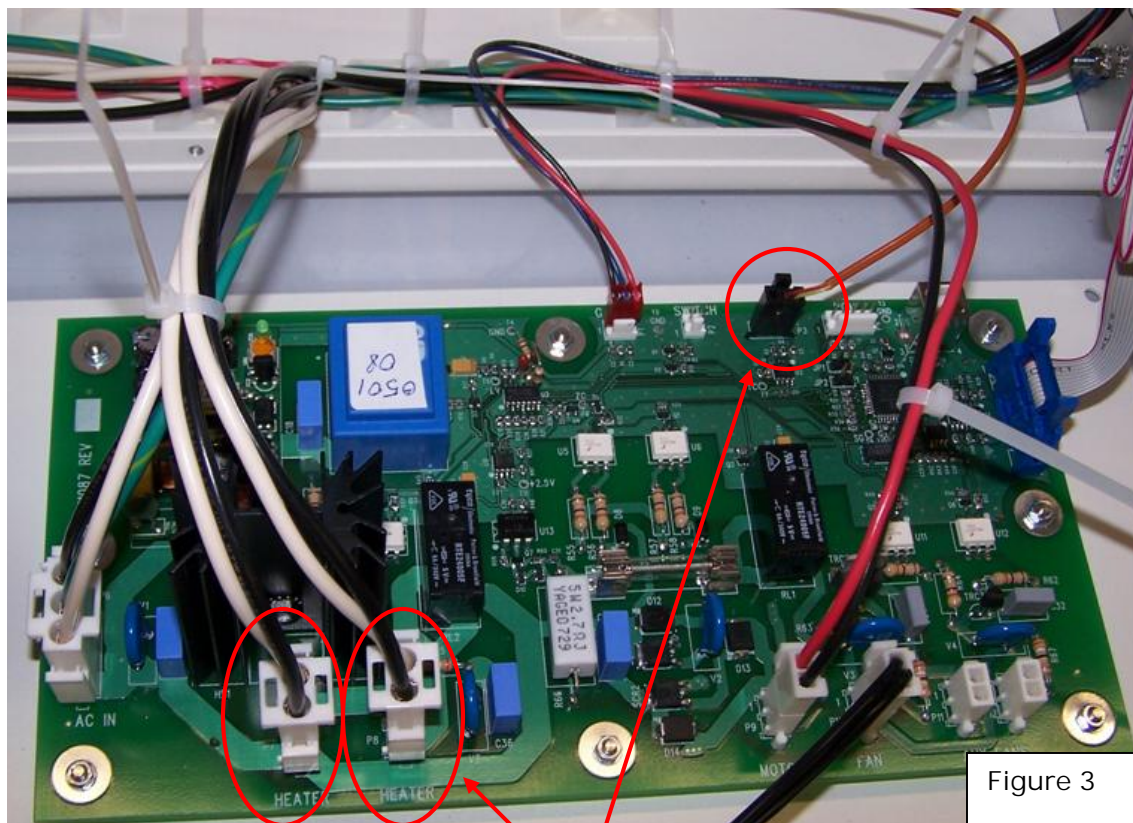**Continuity test symbol & position on Multimeter**

Figure 1

Multimeter probes

Figure 2

Figure 3

Heater and Temperature Sensor locations