

## Lead-free Projects

Positronic has two related lead-free projects. One for coatings and a second for base materials.

The first project for a lead-free solder coating reached an acceptable status years ago. Positronic developed a process to coat contact termination board mount tails with lead free solder (Sn/Ag/Cu). Positronic is awaiting qualified customer opportunities to implement in production at relevant facilities.

The second project for lead-free materials (less than 0.1%) is in process. This is driven partially by some customers' desire to procure ROHS 6/6-compliant components in order to future proof their equipment from regulatory disruption. There are two key parts of this 6/6 compliance plan.

- 1) To locate and validate replacement materials that are RoHS 6/6 compliant. At this point, several RoHS 6/6-compliant material candidates have been selected, but full validation is still being performed.
- 2) To verify and validate these materials offer comparable quality, conductivity and metallurgical properties.