

Improving Electronics Assembly Process Through Organic-Metal Final Finish

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Abstract

Final finishes used in the industry today includes both organic and metallic finishes. It is critical to understand the effects of various final finishes on the fabrication, assembly, and most importantly the solder joint reliability before choosing a final finish. This paper present the results from a series of statistically designed experiment to understand the interaction of surface finish with different lead-free solder paste on assembly reliability.