



Capacitor Test, Evaluation. and Modeling Within NASA Electronic Parts and Packaging (NEPP) Program. "Why Ceramic Capacitors Fracture During Manual Soldering and How to Avoid Failures"

NASA Technical Reports Server (NTRS), Alexander Teverovsky



Capacitor Test, Evaluation. and Modeling Within NASA Electronic Parts and Packaging (Nepp) Program. Why Ceramic Capacitors Fracture During Manual Soldering and How to Avoid Failures (Paperback)

By Alexander Teverovsky

Bibliogov, United States, 2013. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Presentation discusses: (1) Why Multi-Layer Ceramic Capacitors(MLCCs) crack during manual soldering? Workmanship and parts issues. (2) Do existing qualification requirements assure crack-free soldering? MIL-spec Thermal Shock (TS) testing. MIL-spec Resistance to Soldering Heat (RSH) test. (3) What test can assure reliable soldering? Mechanical characteristics of ceramics. Comparison of three TS techniques: LND, TSD, and IWT. (4) Simulation of TS conditions.



READ ONLINE
[9.3 MB]

Reviews

It in a of the best publication. It is among the most remarkable publication i have read through. Your lifestyle period will be change once you complete reading this article publication.

-- **Crystal Rolfson**

If you need to adding benefit, a must buy book. it absolutely was writtern extremely perfectly and beneficial. You are going to like the way the blogger compose this publication.

-- **Orlando Abernathy**