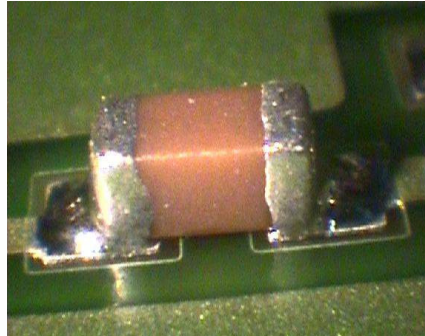


CASE STUDY



Precision cleaning within the telecommunication industry

Machine: EVD 80 / Industrial sector: Electronic components / 142



Industry:	Radio link modules
Cleaning problem:	Removal of soldering flux, replacement of a water-based cleaning machine
Soiling:	Soldering flux, dust
Solution:	Dissolution of flux in modified alcohol (AIII, Zestron VD) under vacuum Phase 1: Immerse cleaning with ultrasonics 40°C 5 min. Phase 2: Vapour phase 90°C 4 min. Phase 3: Vacuum drying 90°C 6 min. Approx. cycle time: 15 min
Requested quality:	Final cleaning, inspection via ionographic measurements
Return on investment:	Due to this investment, the cleaning quality has been improved, the productivity has been increased and in comparison with the water-based cleaning machine, the operating costs have been reduced.