

YAGEO 國巨

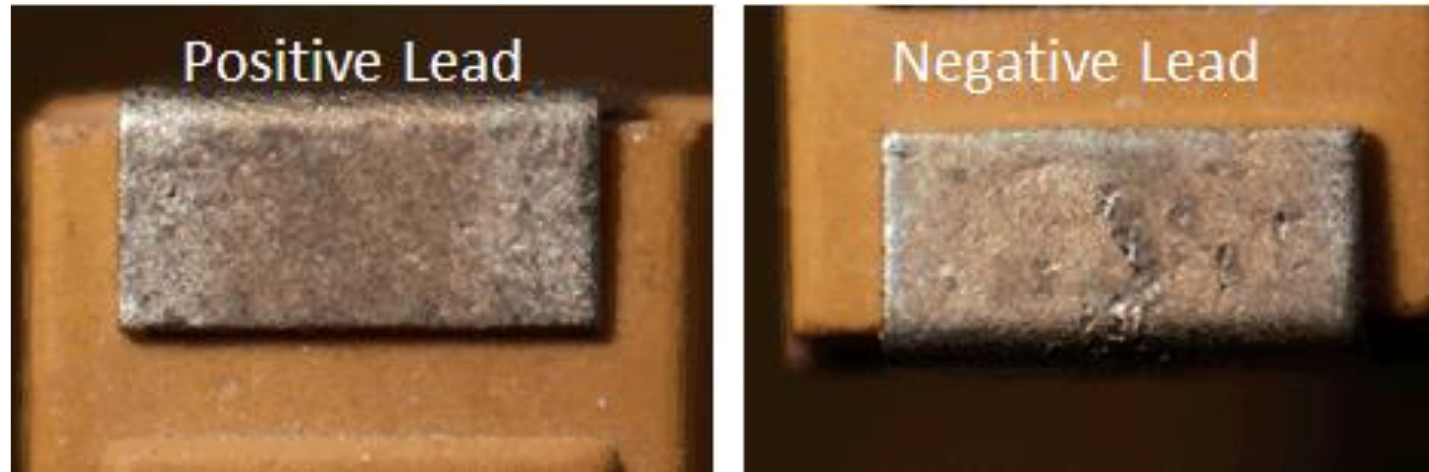
Tantalum MnO₂

Tarnished Terminals Testing



KEMET MnO2 Capacitors – Tarnished Terminals

KEMET considers the tarnish terminals and marks entirely from a cosmetic nature and clarifies that this signature does not compromise or affect the performance of the parts.



Evaluations as Solderability and Surface Mount Test (SMT) performed in components with this condition had confirmed this statement. Refer to next page.

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- **Surface Mount Test (SMT)**

In the SMT test, parts are mounted on a PC board and passed through the IR reflow oven, simulating the board mounting conditions at the customer's site. All the parts tested exhibited expected adhesion of the terminals & PCB board. Soldering condition is acceptable.



- **Solderability Test**

Parts with this conditions were submitted to solderability testing per J-STD-002C 4.2.7 Test B1 requirement. Based on J-STD-002C 1.4 - Coating Durability, prior to the application of the flux and subsequent solder dipping, the components were subjected to eight hours +/- 15 minutes Steam Conditioning. All parts were accepted with no solderability issues found.



Conclusion

Based on the analysis results, it was confirmed that the parts with tarnished terminals comply with solderability specification.



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Group

Thank you! 謝謝你!



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