

Tantalum Capacitors: High Reliability Product Hierarchy and New Advance Products

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Mission Critical Applications in the Aerospace and Defense Industry have been challenged with the increase in the number of satellites, improvements in technology to support the war fighter and pressure for improved reliability, smaller size, and cost reduction. Usage of automotive grade and standard COTS products have been heavily discussed during the last years. KEMET has introduced establish reliability MnO₂ and Polymer Tantalum technology several years ago and during this presentation we will touch following topics:

- Existing Ta Polymer and MnO₂ Portfolio
- Reliability Hierarchy and Reposition of COTS nomenclature
- Key Tantalum MnO₂ and Polymer benefits
- New Advance Products under development (Construction, Spectrum Offering and New key benefits)