

Advancements of Stacked Capacitors for Military and Flight Applications

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An update on recent developments of ceramic and solid electrolytic stacked capacitor technologies, material sets, and capabilities. Electrical, environmental, and physical performance characteristics are highlighted. Applications for each technology are briefly discussed.

Outline:

- Stacked PME/BME
 - Highlight benefits of BME
 - Ripple current test results examined
 - Review Physical & Environmental Performance Characteristics
- Stacked Ta/TaPoly
 - Highlight benefits of both Ta and TaPoly
 - Review electrical parameters
 - Review Physical & Environmental Performance Characteristics
- Summary
 - Recap benefits of each stacked cap technology and discuss which applications they would best serve.