

High-voltage Power Management with Polymer Hermetic Seal Capacitors up to 75V

Polymer hermetic seal capacitors replace wet tantalums

The industry's highest voltage and deliverable energy, combined with the lowest leakage current, are achieved by Kemet's new B-cased Polymer Hermetic Seal (PHS) capacitors.

As replacements for wet tantalum capacitors, Kemet T550 Polymer Hermetic Seal (PHS) capacitors, from Charcroft, offer the highest total capacitance by achieving up to 90% lower ESR and up to 100% higher ripple current capabilities, in addition to improved capacitance retention at high frequency and low temperature.

Industry highest

- Total capacitance
- Voltage
- Deliverable energy

Best in class

- Ripple current capability

Industry lowest

- DC leakage current down to 6.3 μ A
- ESR reduced by <90%

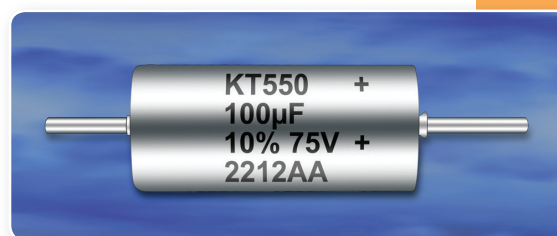
Improved capacitance retention

- High frequency
- Low temperature

Space-level reliability

- Non-ignition failure mode
- ~25% lighter package

The Capacitance Company
KEMET
CHARGED.™



View video at
www.charcroft.com/T550

Request samples or data:
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ELECTRONICS

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