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New Document Explores T22 Space-Level Wet Tantalum Capacitor

Dr. Alexander Teverovsky of ASRC Federal Space and Defense has concluded that the design of the T22 wet tantalum capacitor is robust enough for space applications. His “Evaluation of Series T22 Wet Tantalum Capacitors” was recently published and is available at the following [link](#). The work was performed at the NASA Goddard Space Flight Center and includes both a design review and electrical and mechanical evaluations.



Key advantages of the T22 SMD wet tantalum capacitor:

- Capacitance range: 10 μF to 68 μF
- Voltage range: 50 V to 125 V
- Tolerance: 10 % and 20 %
- Life: 2000 hours
- Reliability: tested to M39006 requirements
- SMD: 9 mm x 7.1 mm

Useful links:

- T22 datasheet: <http://www.vishay.com/doc?40187>
- T22 product Sheet: <http://www.vishay.com/doc?48074>
- Did You Know: Wet Tantalum Capacitors: <http://www.vishay.com/doc?48347>
- Infographic: Wet Tantalum Capacitors In a Nutshell: <http://www.vishay.com/doc?48279>
- Introduction to Wet Tantalum Capacitors: <http://www.vishay.com/doc?40021>

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