

Where can I buy a wet tantalum capacitor?

Wet Tantalum Capacitors are available at Mouser Electronics from industry leading manufacturers. Mouser is an authorized distributor for wet tantalum capacitor manufacturers KYOCERA AVX & Vishay. Please view our selection of wet tantalum capacitors below.

How is a wet tantalum capacitor made?

A wet tantalum capacitor is made by pressing tantalum powder into a shape and sintering it. Then, an electrochemical reaction forms the tantalum pentoxide as the dielectric, which results in the formation of the anode slug.

What is a wet slug tantalum capacitor?

Wet slug tantalum capacitors are manufactured in a voltage range up to 150 VDC. In choosing between the solid or wet style of tantalum capacitor, the circuit designer customarily uses wet tantalum capacitors, where the lowest DC leakage is required. The conventional silver can design will not tolerate any reverse voltages.

Where can I buy Tantalum capacitors - wet?

Pricing (USD) Filter the results in the table by unit price based on your quantity. Pricing (USD) Filter the results in the table by unit price based on your quantity. Tantalum Capacitors - Wet are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Tantalum Capacitors - Wet.

Why do wet capacitors have a cathode system?

The cathode system in wet capacitors provides good mechanical robustness and excellent contact with the liquid electrolyte, which is the functional connection between anode and cathode.

What is a foil tantalum wet capacitor?

In history there was one more style - foil tantalum wet capacitor that existed either with a plain or an etched anode foil. Because this design was expensive, relatively unusual and normally can be replaced with a wet aluminum electrolytic we will just mention its existence.

Inspired from and designs based on early American Wet Electrolytic capacitors used in audio amplifier, guitar amplifiers and pro audio applications. Available ranging from 10uF to 250uF and voltages from 25V to 500V. Please see the ...

Tantalum Solid and Wet Through-Hole Capacitors. Product Literature: Selector Guide. Wet Tantalum Arrays and Assemblies. Support Tools: Did you Know - MLCC vs Polymer and Tantalum. How to Avoid Over-Specifying During Component Shortages. Technical Notes: Technical Note.

These capacitors offer a very high charge per unit of volume, a long lifetime and a high reliability. They are

used in consumer goods and more specialized niches including space vehicles, ...

Wet tantalum capacitors are basic to all kinds of electrical equipment from satellites, aerospace, airborne, military ground support, oil exploration, and power supplies.

In wet electrolytic capacitors higher temperatures force the evaporation of electrolytes, shortening the life time of the capacitors. In film capacitors higher temperatures may shrink the plastic film changing the capacitor's properties. ...

WET tantalum capacitors are known for their significantly higher energy density, reaching up to 1000 J/dm³; compared to the mere 12 J/dm³; of solid tantalum capacitors. They also have the advantage of higher voltage ratings, supporting up to 150 V, and can operate at much higher temperatures, up to 200°C.. On the other hand, solid tantalum capacitors offer benefits such ...

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Fig. 8 - T22 wet tantalum capacitor cross-section and dimensions. The T22 is being used in several avionics applications today. Evaluation of the T22 series of capacitors ...

Compared to solid tantalum technologies e.g. (MnO₂ or polymer electrolyte), wet tantalum capacitors exhibit a higher surge current capability with a higher breakdown voltage (BDV) ...

?????? (Wet Tantalum Capacitor),????? Mouser Electronics(????)????????????????????,????????????????????,??AVX?Kemet ...

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