

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

Solid leaded tantalum capacitors: They have higher capacitance density than wet aluminium electrolytic capacitors or solid tantalum type. Higher electron conductivity makes them sensitive to voltage spikes or surge currents. Solid SMD tantalum capacitors: These capacitors use solid electrolyte, and are sensitive to voltage spikes or current ...

Mouser is an authorized distributor for tantalum capacitor manufacturers including KEMET, KYOCERA AVX, Panasonic, & Vishay. Please view our large selection of tantalum capacitors below.

Tantalum has been a favored capacitor technology in space-limited designs for a long time. Recent years have seen the emergence of one or two equivalent technologies offering many of the advantages of tantalum, such as volumetric efficiency and reliability. Two notable rivals already well into their commercialisation phase are niobium oxide capacitors and tantalum ...

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We offer a wide range of tantalum polymer capacitors for applications that require high ...

Cornell Dubilier o 1605 E. Rodney French Blvd. o New Bedford, MA 02744 o Phone: (508)996-8564 o Fax: (508)996-3830 o Solid and Wet Tantalum Capacitor Selector Guide Solid Tantalum Electrolytic Capacitors Form Cap Temp Case Case Factor Type Range Volts ToleranceRange ** Size Size Application Highlights Page

Type TDC Solid Tantalum Capacitors CDE Cornell Dubilier o 1605 E. Rodney French lvd. o ew edford, A 0244 o hone (508)996-8561 o Fax (508)996-3830 o Specifications Highlights ? Tough plastic case ? Low DCL ? Low ESR and impedance ? Low cost ? Temperature stable ? UL94VO flammability rating ? Resistant to shock and vibration As a low cost ...

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 ...

Tantalum Capacitors: Do not resonate, thus eliminating noise issues. Ceramic Capacitors: Can generate audible noise, requiring countermeasures during final evaluation. IV Applications of Tantalum ...

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Exxelia's MML Series capacitors boast several key features: High Energy Density and High Temperature Capability: Operates effectively up to 140°C.; Size and Weight Reduction: Up to 50% reduction compared to traditional film technologies and up to 10 times lighter comparing to the ceramic capacitors. Stable Performance: Maintains consistent performance across a wide ...

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, aircraft electronics, weapons and rail transport. Exxelia develops both solid and wet tantalum capacitors.

Capacitors Condensateurs au tantale sont disponibles chez Mouser Electronics. Mouser propose le catalogue, la tarification et les fiches techniques pour Capacitors Condensateurs au tantale.

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