

The largest tantalum capacitor company in China

How reliable are tantalum capacitors?

Modern tantalum capacitors are very reliable if used properly. That includes having a series resistance of at least 0.1 to 3 ohms in the circuit, derating the voltage to about 60% maximum of the rated voltage and keeping the temperature to a reasonable value. They must never, even briefly, be exposed to any reverse voltage.

Is a tantalum capacitor polarized or bipolar?

As frequency increases, it experiences a small decrease in capacity. (At 10kHz its capacity drops by less than 20%) Note: Normally it is a polarized capacitor. To make it non-polarized or bipolar, two tantalum capacitors are connected in series and their anodes are oriented in the opposite direction. Why do tantalum capacitors fail?

Where can I buy a tantalum refractory capacitor?

Admat, Inc., located in Norristown, PA, distributes tantalum hybrid capacitors as well as capacitor lead sealing. It also offers other refractory metal products and parts.

What are surface mount tantalum capacitors used for?

Surface mount tantalum capacitors are used for power supply filtering in computer motherboards and cell phones due to their long-term stability and small size. Tantalum electrolytic capacitors are suitable for storing electrical energy and also for passing or bypassing low-frequency signals due to their large capacitance.

What happens if a tantalum capacitor fails?

When a Solid Electrolytic Tantalum capacitor fails, it usually has black marks on its surface. In contrast, failed short Polymer Tantalum capacitors typically do not have black marks on their surface.

What is Jianghai brand capacitor?

Jianghai brand capacitor is one of the national brands with independent intellectual property rights and self-owned brands in China's electronic components industry, which has truly entered the international high-end mainstream market through its own channels. Xiamen Faratronic Co., Ltd. is a world-leading professional film capacitor manufacturer.

KEMET is the largest manufacturer of tantalum capacitors in the world, it has a market share of 35.43% in value. KEMET Corporation, a subsidiary of Yageo Corporation (TAIEX: 2327), manufactures a broad selection of capacitor technologies such as tantalum, aluminum, multilayer ceramic, film, paper, polymer electrolytic, and supercapacitors. KEMET ...

The market size of the tantalum capacitor is 1,291.71 million USD in 2020. KEMET is the largest

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Hongda Capacitors is top tantalum capacitor supplier with five advanced tantalum capacitors production lines in China, which provides flexibility and capacity for the demanding electronic industry. We supply general purpose tantalum capacitors, automotive grade tantalum capacitors, high temperature tantalum capacitors, THC tantalum capacitors ...

TDK is the world's second largest capacitor manufacturer. TDK's component capacitors mainly include aluminum electrolytic capacitors, film capacitors, chip ceramic capacitors, chip tantalum capacitors and chip aluminum electrolytic capacitors. These capacitors play a role in storing charges and filtering signals in circuits, and are indispensable ...

Reports Description. As per the current market research conducted by the CMI Team, the global Tantalum Capacitor Market is expected to record a CAGR of 4.1% from 2024 to 2033. In 2024, the market size is projected to reach a valuation of USD 1,512.4 Million 2033, the valuation is anticipated to reach USD 2,171.3 Million.. The tantalum capacitor market is a segment of the ...

Top 10 Globally Leading Companies in The Tantalum Market. China Minmetals Corporation [Annual Revenue: USD 131 Billion] China Minmetals Corporation is a leading Chinese state-owned enterprise primarily engaged in metals and mineral development. Established in 1950, it has grown into a global player in the mining, metallurgy, and metal ...

Portable computers are the largest end market for tantalum capacitors in September 2021 due to the increase in demand for computers to satisfy demand stemming from the global "work-at-home" trend. Factors ...

Founded in 2000, Shanghai Pluspark Electronics Co., Ltd. is located Shanghai, China. Our company, as an ISO9001:2008 certified capacitor manufacturer and exporter, now well-known producing components at home broad with excellent quality capacitors, ...

We are a high-tech manufacturer?specializing in the research, development, production and distribution services of capacitor series. Our products as following: Super capacitors: Tantalum SMD tantalum capacitors, Multilayer ceramic capacitors ...

Capacitors mainly include ceramic capacitors, aluminum electrolytic capacitors, tantalum capacitors, film capacitors, etc. How to find a reliable capacitor manufacturer is very vital to electronic projects. Here is a list ...

List of Tantalum Chip Capacitor Companies in China, Suppliers, Distributors, Manufacturers, Importer.

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Include Pro-an Electronics .Ltd, Chunhui Lighting Group Co., Ltd, Guangdong Hottech Industrial Co., Ltd., Pluspark Electronics Technology Co., Ltd, .

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Most good tantalum capacitors are produced by brand-name manufacturers. There are also many tantalum capacitor manufacturers in China. What are the top ten tantalum capacitor manufacturers? 1. Liaoning Boai Electronic Technology Co., LTD.

Tantalum capacitors are a subtype of electrolytic capacitors that use tantalum metal for the anode. Tantalum capacitors have superior frequency characteristics and long-term stability. They are known for their virtually unlimited shelf-life and their high capacitance density and reliability. Tantalum capacitors are available in both wet (foil) and dry (solid) electrolytic ...

The Tantalum Market is expected to reach 2.46 kilotons in 2024 and grow at a CAGR of 5.26% to reach 3.18 kilotons by 2029. Global Advanced Metals Pty Ltd, Pilbara Minerals, Alliance Mineral Assets Limited., AMG Advanced Metallurgical Group N.V. and Minsur (Mining Taboca) are the major companies operating in this market.

Company news Industry news Products News. Download; Support; Contact Us ... and became the largest tantalum capacitor production base in China. Hongda Capacitors has an important role in the global market through 20 years of continued efforts in ...

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