

Tantalum capacitor market trend analysis chart

What is the estimated value of the tantalum capacitors market?

The tantalum capacitors market was valued at US\$2,137.4 Mn in 2022, and is expected to grow to US\$3,559.8 Mn by the end of 2033. The market for tantalum capacitors is estimated to value at US\$2,249.2 Mn in 2023 and is predicted to grow at a CAGR of 6.4% from 2023 to 2033. Tantalum capacitors demand is rising as 5G usage expands quickly.

Should we replace solid capacitors with polymer tantalum capacitors?

Replacing solid capacitors with polymer tantalum capacitors is expected to act as an opportunity for the studied market. On the flip side, the harmful effects of tantalum and the decrease in demand from end-user industries are hindering the market's growth.

What is a tantalum capacitor used for?

Its main use today is in tantalum capacitors in electronic devices such as cell phones, DVD players, video game systems, and computers. The tantalum market is segmented by product, application, and geography. The market is segmented by products, such as metal, carbide, powder, alloys, and other product forms.

Which countries use tantalum electrolytic capacitors?

Asia-Pacific dominates the market across the world, with the largest consumption from countries such as China and South Korea. A tantalum electrolytic capacitor is made of tantalum (Ta) metal as anode material, which can be divided into foil and tantalum powder sintered types according to different anode structures.

How big is the tantalum market?

The report offers market size and forecasts for tantalum in terms of volume (tons) for all the above segments. The Tantalum Market size is estimated at 2.46 kilotons in 2024, and is expected to reach 3.18 kilotons by 2029, growing at a CAGR of 5.26% during the forecast period (2024-2029).

How is a capacitor rated compared to a tantalum capacitor?

Leakage current is determined by dividing the rated voltage by IR (per Ohm's Law). Ceramic capacitors typically specify insulation resistance, whereas tantalum capacitors are graded by direct current leakage (or DCL). These units are equivalent and conversion from one measure to the other is made using Ohm's law.

The Tantalum Wet Capacitor Market report represents gathered information about a market within an industry or various industries. The Tantalum Wet Capacitor Market report includes analysis ...

Tantalum Capacitors Market size was valued at USD 3.67 billion in 2023 and is expected to grow to USD 4.99 billion by 2030, representing a compound annual growth rate (CAGR) of 4.5% ...

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According to Cognitive Market Research, the global Tantalum Capacitor market size was estimated at USD 2451.2 Million, out of which the Middle East and Africa held the ...

Global Tantalum Capacitors Market by Type (Tantalum foil electrolytic capacitor, Tantalum capacitors with porous anode and liquid electrolyte, Tantalum capacitors with porous anode ...

The Tantalum Capacitors Market size is estimated at USD 1.31 billion in 2024, and is expected to reach USD 1.62 billion by 2029, growing at a CAGR of 4.27% during the forecast period (2024 ...

Market Analysis and Insights : Global Tantalum Market. Tantalum market will expect to grow at a rate of 4.70% for the forecast period of 2021 to 2028. Tantalum market report analyses the ...

Our report on the Tantalum Polymer Capacitors market provides an in-depth analysis of the trends, drivers, and opportunities that are influencing the market growth. Our ...

Tantalum Capacitors Market Size, Share, and Industry Analysis By Type (Solid Tantalum Capacitors, Wet Tantalum Capacitors, and Polymer Tantalum Capacitors), By Application ...

The latest IMARC Group study, "Tantalum Prices, Trend, Chart, Demand, Market Analysis, News, Historical and Forecast Data 2024 Edition," presents a detailed ...

Report Description Tantalum Market Outlook 2031. The global tantalum market size was valued at USD 645.2 Million in 2022 and is likely to reach USD 984 Million by 2031, expanding at a ...

Tantlum Capacitor Market: Trends, Opportunities and Competitive Analysis [2023-2028] - The future of the global tantalum capacitor market looks promising with ...

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