
German super aluminum electrolytic capacitor

What is an aluminum electrolytic capacitor?

As is the case with all capacitors, an aluminum electrolytic capacitor comprises two electrically conductive material layers that are separated by a dielectric layer. One electrode (the anode) is formed by an aluminum foil with an enlarged surface area. The oxide layer (Al₂O₃) that is built up on this is used as the dielectric.

What is aluminum electrolytic capacitor SMD (chip)?

Aluminum electrolytic capacitors SMD (chip) for surface mounting in general industrial electronics and special electronics such as automotive industry. Special feature: 150°C / 1,000h SMD design ERST 150°C EN 11-2022

What is the international standard for aluminum electrolytic capacitors?

The international standard for aluminum electrolytic capacitors is IEC 60384-4. The sectional specification mentioned above is complemented by a set of detail specifications that applies to specific design types (e.g. electrolytic capacitors with axial wire leads).

Which series of electrolytic capacitors can we manufacture?

We can now manufacture the following series for you: Series: 100 Technical data: Specification Value RM (Width) 2.5 mm to 80 mm H [...] Aluminum electrolytic capacitors SMD (chip) for surface mounting in general industrial electronics and special electronics such as automotive industry.

EPCOS Electronics We offer EPCOS's Aluminum Electrolytic Capacitors / Surge Arresters About Us EPCOS AG is a leading manufacturer of electronic components, modules and systems ...

When exploring the Aluminum Electrolytic Capacitor industry in Germany, several key considerations emerge. First, understanding the regulatory landscape is crucial, as Germany ...

The advantages of aluminum electrolytic capacitors that have led to their wide application range are their high volumetric efficiency (i.e. capacitance per unit volume), which ...

Aluminium Electronic Capacitor, radial, 1.0mF, 400V, 105°C Type: Cup electrolytic capacitor Mounting form: Radial Material: Aluminium cup Connection: Screw terminal Capacitance: 1000 ...

Aluminum Electrolytic Capacitors: Reliable Solutions from alfatec Aluminum electrolytic capacitors are indispensable components in modern electronics, known for their high capacitance and ...

Meanwhile, Exxelia snap-in aluminum electrolytic capacitors set industry benchmarks with their exceptional lifespan at 105°C and broad operating temperature range (-55°C to +125°C), ...

The capacitance of aluminum electrolytic capacitors is defined by the surface of the aluminum anode foil. This surface is maximized by special etching processes, giving these ...

The casing of german aluminum capacitor is often made from aluminum or plastic to protect the internal components and ensure durability. The precise combination of these materials allows ...

Aluminum electrolytic capacitors Frolyt has been developing and manufacturing aluminum electrolytic capacitors at its Freiberg site in Germany for 73 years. With 84 employees and an ...

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