



Technical Data Sheet & Spec Summary

Compiled By: Apexon Technical Engineering Team

Date Compiled: May 20, 2024

Product Identification

Manufacturer / Brand: TDK / EPCOS

Model / MPN: B43456-A5109-M003

Description: Industrial-grade aluminum electrolytic capacitor featuring chassis-mount radial can design with heavy-duty screw terminals. Engineered for high-reliability energy storage, filtering, UPS, frequency converters, and inverter systems.

Technical Specifications

Model / MPN: B43456-A5109-M003

Manufacturer / Brand: TDK / EPCOS

Capacitance: 10000 μ F

Voltage Rating: 450 V

Tolerance: \pm 20%

ESR (Equivalent Series Resistance): 6 mOhm @ 100 Hz

Impedance: 7 mOhms

Ripple Current (@ Low Frequency): 25 A @ 100 Hz

Polarization: Polar

Lifetime @ Temperature: 12000 Hrs @ 85°C

Operating Temperature Range: -40°C to +85°C

Applications: General Purpose

Mounting Type: Chassis Mount

Apexon Solutions LLC | jun@apexonsupply.com | 111 W 2nd St, Unit #536 Casper, WY 82601



Package / Case: Radial, Can - Screw Terminals

Size / Dimension: 3.583" (91.00 mm) Diameter

Height - Seated (Max): 5.728" (145.50 mm)

Lead Spacing: 1.248" (31.70 mm)

Disclaimer: This technical summary is compiled by Apexon Solutions LLC for reference and sourcing purposes only. While we strive for absolute accuracy, verify critical dimensions for specific applications. Independent distributor.