



Technical Data Sheet & Spec Summary

Compiled By: Apexon Technical Engineering Team

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Product Identification

Manufacturer / Brand: EPCOS / TDK Electronics

Model / MPN: B43456-S9638-M2

Description: Professional high-capacity aluminum electrolytic capacitor from the Long Life (LL) series. Specifically engineered for high ripple current capability and volumetric efficiency in industrial power electronics, frequency converters, and UPS systems.

Technical Specifications

Model / MPN: B43456-S9638-M2

Manufacturer / Brand: EPCOS / TDK Electronics

Series: B43456 (Long Life Grade)

Capacitance: 6300 μ F

Rated Voltage (V_r): 400V DC

Capacitance Tolerance: $\pm 20\%$ (Code M)

Terminal Style: Screw Terminals

Performance Grade: Long Life (LL Grade)

Climatic Category: 25/085/56 (IEC 60068-1)

Operating Temp Range: -25°C to $+85^{\circ}\text{C}$

Charge-Discharge Proof: Yes

Polarity: Polarized

Main Case Material: Aluminum with PVC Sleeve Insulation

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Mounting Configuration: Chassis Mount / Ring Clip / Threaded Stud (Base)

Safety Feature: Integrated Overpressure Safety Vent

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