



Technical Data Sheet & Spec Summary

Compiled By: Apexon Technical Engineering Team

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Product Identification

Manufacturer / Brand: EPCOS (TDK)

Model / MPN: B43455-T5208-T2

Description: High-performance aluminum electrolytic capacitor with M5 screw terminals. Features all-welded construction and high ripple current capability for professional power electronics including frequency converters and UPS systems.

Technical Specifications

Model / MPN: B43455-T5208-T2

Manufacturer / Brand: EPCOS (TDK)

Series: B43455

Technology: Aluminum Electrolytic

Rated Capacitance (C_R): 2000 μ F

Rated Voltage (V_R): 450 V DC

Capacitance Tolerance: -10% / +30% (Code T)

Equivalent Series Resistance (ESR): 43 m Ω (max, 100 Hz, 20°C)

Max. Ripple Current (I_{AC,max}): 11.2 A (100Hz, 85°C)

Useful Life: 10,000 h (at V_R; I_{AC,max}; 85 °C)

Climatic Category: 40/085/56 (IEC 60068-1)

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

Construction: All-welded, charge-discharge proof, polar

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Case Material: Aluminum with PVC insulating sleeve

Terminal Style: M5 Screw Terminals with Washers

Dimensions (Diameter x Length): 64.3 mm x 82.0 mm

Safety Feature: Overpressure relief vent

Reference Standards: IEC 60068-1

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