



Technical Data Sheet & Spec Summary

Compiled By: Apexon Technical Engineering Team

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Product Identification

Manufacturer / Brand: EPCOS (TDK)

Model / MPN: B43550-S5478-M1

Description: Heavy-duty industrial aluminum electrolytic capacitor engineered for energy storage, inverters, and high-power electronic applications in challenging electrical control environments.

Technical Specifications

Model / MPN: B43550-S5478-M1

Manufacturer / Brand: EPCOS (TDK)

Product Type: Aluminum Electrolytic Capacitor

Rated Capacitance: 4700 μ F

Rated Voltage: 450 V DC

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

Surge Voltage (U SURGE): 500 V

Climatic Category (IEC): 25/060/56

Operating Temperature Range: -25°C to $+60^{\circ}\text{C}$

Damp Heat Test: 56 Days

Country of Origin: Germany

Primary Applications: Energy storage, industrial inverters, high-power electronics



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