



APEXON SOLUTIONS LLC | TECHNICAL DATA SHEET DOCUMENT ID: APX-TDS-2024-EPC-B43456S9808M1 CLASSIFICATION: ENTERPRISE PROCUREMENT SPECIFICATION

Product Identification: Manufacturer: EPCOS (TDK) Model Number: B43456-S9808-M1 Series: B43456 Component Type: Aluminum Electrolytic Capacitor

Electrical Specifications: Rated Capacitance: 8000 μ F Rated Voltage: 400 V DC Capacitance Tolerance: \pm 20% (Code M) Maximum ESR: 14 m Ω (at 100 Hz, 20°C) Maximum Ripple Current: 34.0 A (at 100 Hz, 85°C) Technology: Charge-discharge proof, polar

Physical Dimensions: Diameter: 76.9 mm Length: 195.7 mm Terminal Style: M5 Screw Terminals Case Material: Aluminum with PVC insulating sleeve Construction: All-welded reliability design

Environmental and Reliability: Operating Temperature Range: -40 °C to +85 °C Useful Life: 12,000 hours (at V_R , $I_{AC,max}$, 85 °C) Climatic Category: 40/085/56 (IEC 60068-1) Safety Feature: Integrated overpressure relief vent Application: Professional Power Electronics / UPS / Frequency Converters

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