



Technical Data Sheet & Spec Summary

Compiled By: Apexon Technical Engineering Team

Date Compiled: May 22, 2024

Product Identification

Manufacturer / Brand: TDK / EPCOS

Model / MPN: B43512-A9278-M

Description: High-performance aluminum electrolytic capacitor with screw terminals designed for industrial power electronics, inverters, and power factor correction.

Technical Specifications

Model / MPN: B43512-A9278-M

Manufacturer / Brand: TDK / EPCOS

Order Code: B43512A9278M

Capacitance: 2800 μ F

Rated Voltage: 400 VDC

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

Termination Type: Screw Terminals

Technology: Aluminum Electrolytic

Operating Temperature Range: -40°C to $+85^{\circ}\text{C}$

Application Suitability: Industrial Power Supplies, Inverters, PFC Circuits, Renewable Energy

Component Characteristic: High Ripple Current Capability / Long Operational Life

Disclaimer: This technical summary is compiled by Apexon Solutions LLC for reference

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



and sourcing purposes only. While we strive for absolute accuracy, verify critical dimensions for specific applications. Independent distributor.