



Technical Data Sheet & Spec Summary

Compiled By: Apexon Technical Engineering Team

Date Compiled: May 23, 2024

Product Identification

Manufacturer / Brand: EPCOS (TDK)

Model / MPN: B32370B3456J071

Description: High-performance motor run film capacitor featuring self-healing polypropylene dielectric, dry-type resin filling, and integrated overpressure safety device for single-phase AC applications.

Technical Specifications

Model / MPN: B32370B3456J071

Manufacturer / Brand: EPCOS (TDK)

Series: B32370

Rated Capacitance (C_R): 45 μ F

Capacitance Tolerance: \pm 5% (Code J)

Rated Voltage (V_R): 525 V AC

Rated Frequency (f_R): 50 / 60 Hz

Operating Life Class: Class C: 3,000 h (at 525V) per IEC 60252-1

Safety Class: P2

Technology: Film Capacitor

Dielectric: Polypropylene (PP) film

Construction: Self-healing

Filling: Dry type, soft polyurethane resin

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



Climatic Category: 25/085/21 (IEC 60068-1)

Operating Temperature Range: -25 °C to +85 °C

Dissipation Factor tan delta: $\leq 5 \cdot 10^{-4}$ (at 20°C)

Case Material: Plastic (PP)

Dimensions (D x L): 50 mm x 125 mm

Terminals: Double Fast-on terminals 6.3 mm

Mounting: Threaded plastic stud M8 x 10

Reference Standards: IEC 60252-1

Disclaimer: This technical summary is compiled by Apexon Solutions LLC for reference and sourcing purposes only. While we strive for absolute accuracy, verify critical dimensions for specific applications. Independent distributor.