



## Technical Data Sheet & Spec Summary

Compiled By: Apexon Technical Engineering Team

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### Product Identification

Manufacturer / Brand: EPCOS (TDK Electronics)

Model / MPN: B32362A5257J000

Description: High-performance Metallized Polypropylene (MKP) AC capacitor featuring self-healing film technology, an aluminum can, and an integrated overpressure disconnecter. Engineered for AC filtering, UPS systems, and renewable energy inverters.

### Technical Specifications

Model / MPN: B32362A5257J000

Manufacturer / Brand: EPCOS (TDK Electronics)

Series: B32362 (PEC MKP AC)

Dielectric Material: Metallized Polypropylene (MKP)

Capacitance (C): 250  $\mu$ F

Tolerance:  $\pm$  5% (J)

Rated Voltage (AC): 500 V

Rated Voltage (DC): 1200 V

Construction Type: Aluminum Can, Resin Filled (Soft Polyurethane)

Safety Features: Overpressure Disconnecter (Self-healing)

Termination Style: Screw Terminals (M10 High Current)

Mounting: Bottom Threaded Stud (M12)

Diameter (D): 85.0 mm

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Height (H): ~155 mm (Base to Terminal)

Operating Temperature: -40°C to +85°C

Life Expectancy: 100,000 Hours

RoHS Compliant: Yes

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