



APEXON SOLUTIONS LLC TECHNICAL DATA SHEET DOCUMENT ID: TDS-EPCOS-B32362A3257J031

Product Identification: Manufacturer: EPCOS (TDK Electronics) Part Number: B32362A3257J031 Series: B32362 (FilterCap MKP AC) Technology: Metallized Polypropylene Film (MKP)

Electrical Specifications: Capacitance: 250 uF Rated AC Voltage (VRMS): 330 V Rated DC Voltage (VRDC): 460 V Maximum Current (Imax): 3600 ARMS Maximum Peak Current: 10800 A Surge Current (Is): 1.7 kA Series Resistance (Rs): 200 uOhm Self-Inductance (Lself): 85 nH

Mechanical and Termination: Terminal Type: M10 Screw Terminal (2x) Case Dimensions (D x H): 85 x 197 mm Weight: 1.3 kg Filling Material: Non-PCB, Soft Polyurethane Resin

Safety and Compliance: Safety Features: Self-healing technology, Integrated overpressure disconnecter Standards Compliance: RoHS Compliant, UL 810 Approved, IEC 61071 Life Expectancy: 100,000 hours at rated voltage and temperature

Application Suitability: Primary Use: Heavy-duty AC filter circuits Secondary Use: Industrial motor drives, High-power converters Operational Features: Extremely high current handling, Low losses

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