



APEXON SOLUTIONS LLC TECHNICAL DATA SHEET: MKP 5/400II/E1321 DOCUMENT
STATUS: RELEASED FOR PROCUREMENT

Core Identification: Product ID (MPN): MKP 5/400II/E1321 Manufacturer: MDB
Component Type: Metallized Polypropylene Motor Run Capacitor Dielectric Material:
Metallized Polypropylene (MKP)

Electrical Specifications: Capacitance: 5 μ F Tolerance: $\pm 5\%$ Rated Frequency: 50/60 Hz
Self-Healing: Yes Operation Mode: Continuous AC

Voltage and Service Life Classifications: Rated Voltage (Class A): 400V AC (30,000
hours) Rated Voltage (Class B): 450V AC (10,000 hours) Rated Voltage (Class C): 500V
AC (3,000 hours)

Environmental and Mechanical: Climatic Category: -25/85/21 Minimum Operating
Temperature: -25°C Maximum Operating Temperature: +85°C Damp Heat Duration: 21
days

Compliance and Applications: Standards Compliance: EN 60252-1, VDE, UL, CSA
Primary Applications: Phase-shifting, Power Factor Correction Target Equipment:
Pumps, Fans, HVAC Compressor Motors

APEXON SOLUTIONS LLC DISCLAIMER: The technical data provided herein is for
informational purposes only. While Apexon Solutions LLC strives for accuracy, we
assume no liability for errors, omissions, or the suitability of this component for specific
end-user applications. Procurement teams must verify all critical tolerances with the
manufacturer's primary engineering documentation prior to purchase.

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