



APEXON SOLUTIONS LLC TECHNICAL DATA SHEET: MLR25PRL45102551 DOCUMENT
STATUS: RELEASED FOR PROCUREMENT

Core Identification: Product ID (MPN): MLR25PRL45102551 Order Code: MK SH
Manufacturer: ICAR Product Series: ECOFILL MLR 25 PRL Component Type: Motor Run
Capacitor

Electrical Specifications: Capacitance: 1.0 μ F Capacitance Tolerance: $\pm 5\%$ (Class J)
Rated Frequency: 50/60 Hz Dielectric Material: Metallized Polypropylene Film Safety
Class: S0

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 D): 500V
AC (1,000 hours)

Physical Dimensions and Construction: Diameter: 25 mm Length: 51 mm Housing
Material: Plastic (Resin Filled) Construction: Self-healing metallized film

Environmental and Compliance: Climatic Category: 40/085/21 Standards & Approvals:
EN 60252-1, VDE Primary Applications: Single-phase asynchronous motors, pumps,
compressors, HVAC

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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.

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