1608KL-04W-B50-T10 NMB 12VDC 0.15A 40x40x20mm Axial Fan Datasheet

Brand: NMB

SKU: 1009256406249

Category: Axial & Centrifugal Fans

Price: **$14.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/1608kl-04w-b50-t10-nmb-12vdc-0-15a-40x40x20mm-axial-fan

Product Description

The NMB 1608KL-04W-B50-T10 is a high-precision Axial Fan engineered for critical thermal management in compact electronic environments. Utilizing advanced DC brushless motor technology, this unit integrates a sophisticated dual ball bearing architecture to minimize friction and optimize structural rigidity during high-speed rotation. Its aerodynamic impeller design is specifically tuned to reduce thermal impedance while maintaining a stable laminar flow. The housing is constructed from reinforced PBT plastic, ensuring high durability and resistance to environmental stressors in industrial-grade applications.

Model Number: 1608KL-04W-B50-T10
Brand: NMB
Product Type: Axial Fan
Rated Voltage: 12VDC
Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.15 A
Power: 1.8W
Rated Speed: 8500 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 8.1 CFM (13.8 m^3/h / 0.23 m^3/min)
Max. Static Pressure: 6.4 mmH_2O (62.7 Pa / 0.25 inH_2O)

Dimensions: 40x40x20mm
Weight: 25g
Life Expectancy: 50,000 Hours at 25°C
Noise Level: 31 dBA
Housing Material: Plastic (Black) UL94V-0
Blade Material: Plastic (Black) UL94V-0
Termination: 2-Wire Lead Wires
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Insulation Resistance: 10M Ohm min. at 500VDC
Protection Features: Locked Rotor Protection, Reverse Polarity Protection

The 1608KL-04W-B50-T10 is ideally suited for high-density cooling requirements in network switches, server chassis, and frequency converters. Due to its compact 40mm frame, the 1608KL-04W-B50-T10 provides reliable heat dissipation for internal components in medical diagnostic equipment and telecommunications hardware where space is at a premium. Its robust construction ensures long-term operational stability in demanding industrial automation and CNC control systems.

Supplemental Images


NMB
MODEL
1608KL-04W-B50
12V ⎓ DC 0.15A
DC BRUSHLESS FAN MOTOR
MINEBEA CO., LTD.
T10
MADE IN CHINA
+:RED,-:BLACK