1611KL-04W-B59-P01 NMB 12V DC Axial Fan 40mm

SKU: 1611KL-04W-B59-P01

Price: $9.99

Categories: Fans

Tags: NMB

Product Link:
https://www.elecspares.com/product/1611kl-04w-b59-p01-nmb-12v-dc-axial-fan-40mm/

Product Description

The NMB 1611KL-04W-B59-P01 is a micro DC Axial Fan with dimensions of 40 x 40 x 28 mm. It operates on a nominal voltage of 12 VDC within a wide range of 6.0 VDC to 13.8 VDC. The fan achieves a high speed of 9500 RPM, consuming 4.68 W of power and drawing a maximum current of 0.39 A. It delivers a maximum air flow of 25.16 m³/h (14.8 CFM) and a high maximum static pressure of 100.0 Pa (0.402 inAq). This 5-blade fan features durable Ball Bearings for an extended service life and is ideal for cooling highly compact and heat-intensive electronic devices.

1611KL-04W-B59-P01 Fan Parameters
Model: 1611KL-04W-B59-P01
Manufacturer: NMB Technologies Corporation
Type: DC Axial Fan
Dimensions (measuring): 40 x 40 x 28 mm
Nominal Voltage: 12 VDC
Voltage Range: 6.0 VDC ~ 13.8 VDC
Speed: 9500 RPM
Power Consumption: 4.68 W
Current Draw: 0.39 A
Max. Airflow: 25.16 m³/h (14.8 CFM)
Max. Static Pressure: 100.0 Pa (0.402 inAq)
Noise Level: 43 dB(A)
Weight: 0.040 kg
Housing Material: Plastic (PBT, UL94V-0)
Impeller Material: Plastic (PBT, UL94V-0)

Number of Blades: 5

Bearing Type: Ball Bearing

Motor Design: Brushless DC Motor

Motor Protection: Electronic Current Limiting, Reverse Polarity Protection

Termination: 3 Wire Leads (Includes Tach Output)

Service Life L10 at 40 °C: 50000 h

Min. Ambient Temperature: -10 °C

Max. Ambient Temperature: 70 °C

Approvals: UL, CSA, TUV, CE

Application

The NMB 1611KL-04W-B59-P01 fan is designed for cooling mission-critical components in highly space-constrained environments. Primary applications for the 1611KL-04W-B59-P01 include cooling densely packed servers (1U/2U), high-performance network hardware, medical diagnostic equipment, and embedded computing systems where maximum cooling per cubic inch is essential.

Product Images

Scan for product details: