1608KL-04W-B59-L00 NMB 12V DC Axial Fan 40mm

SKU: 1608KL-04W-B59-L00

Price: $9.99

Categories: Fans

Tags: NMB

Product Link:
https://www.elecspares.com/product/1608kl-04w-b59-l00-nmb-12v-dc-axial-fan-40mm/

Product Description

The NMB 1608KL-04W-B59-L00 is a micro DC Axial Fan with dimensions of 40 x 40 x 20 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 speed of 8000 RPM, consuming 1.80 W of power and drawing a maximum current of 0.15 A. It delivers a maximum air flow of 12.57 m³/h (7.4 CFM) and a maximum static pressure of 72.3 Pa (0.29 inAq). This 5-blade fan features durable Ball Bearings for an extended service life and is ideal for cooling ultra-compact, noise-sensitive electronic devices.

1608KL-04W-B59-L00 Fan Parameters
Model: 1608KL-04W-B59-L00
Manufacturer: NMB Technologies Corporation
Type: DC Axial Fan
Dimensions (measuring): 40 x 40 x 20 mm
Nominal Voltage: 12 VDC
Voltage Range: 6.0 VDC ~ 13.8 VDC
Speed: 8000 RPM
Power Consumption: 1.80 W
Current Draw: 0.15 A
Max. Airflow: 12.57 m³/h (7.4 CFM)
Max. Static Pressure: 72.3 Pa (0.29 inAq)
Noise Level: 31 dB(A)
Weight: 0.035 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 1608KL-04W-B59-L00 fan is designed for cooling high-density electronics in extremely thin profiles. Primary applications for the 1608KL-04W-B59-L00 include cooling 1U rack-mount servers, blade servers, portable electronic devices, compact industrial control units, and other systems where a 20 mm depth fan is required, prioritizing low noise output.

Product Images

Scan for product details: