

05015UA-14N-BT-01 NMB 13.5VDC 0.05A 50x50x15mm Cooling Fan Datasheet



Brand: NMB

SKU: [944434540364](#)

Category: Axial & Centrifugal Fans

Price: **\$15.99**

E-mail: sales@equipspares.com

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Product Page:

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Product Description

The 05015UA-14N-BT-01 is a high-precision DC axial cooling fan engineered by NMB (MinebeaMitsumi) specifically for demanding thermal management in automotive and industrial electronics. Operating at a nominal 13.5 VDC with a low current draw of 0.05 A, this 50 mm unit delivers a balanced 9.5 CFM airflow while maintaining a quiet acoustic profile of 22 dBA. It features a robust dual ball bearing system designed for extended service life and a 3-wire configuration for tachometer output or speed monitoring. The frame and impeller are constructed from UL 94 V-0 rated thermoplastic PBT to ensure flame retardancy and structural integrity under continuous operation.

05015UA-14N-BT-01 Specifications

Model Number: 05015UA-14N-BT-01

Brand: NMB (MinebeaMitsumi)

Product Category: DC Axial Fan

Nominal Voltage: 13.5 VDC

Operating Voltage Range: 10.0 VDC to 15.0 VDC

Rated Current: 0.05 A

Input Power: 0.68 W

Rated Speed: 2500 RPM

Maximum Airflow: 9.5 CFM

Maximum Static Pressure: 18.5 Pa

Noise Level: 22 dBA

Bearing Type: Dual Ball Bearing

Dimensions: 50 x 50 x 15 mm

Frame Material: Plastic (PBT) UL 94 V-0

Impeller Material: Plastic (PBT) UL 94 V-0

Termination: 3-Wire Lead Wires

Sensor Type: Tachometer / Speed Sensor

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Mass: 25 g

Life Expectancy: 60,000 Hours at 40 °C

05015UA-14N-BT-01 Applications

Automotive LED headlight thermal regulation, compact power supply cooling, and telecommunications signal processing equipment. Direct integration into automotive lighting assemblies and small-scale industrial electronic enclosures.

Supplemental Images

