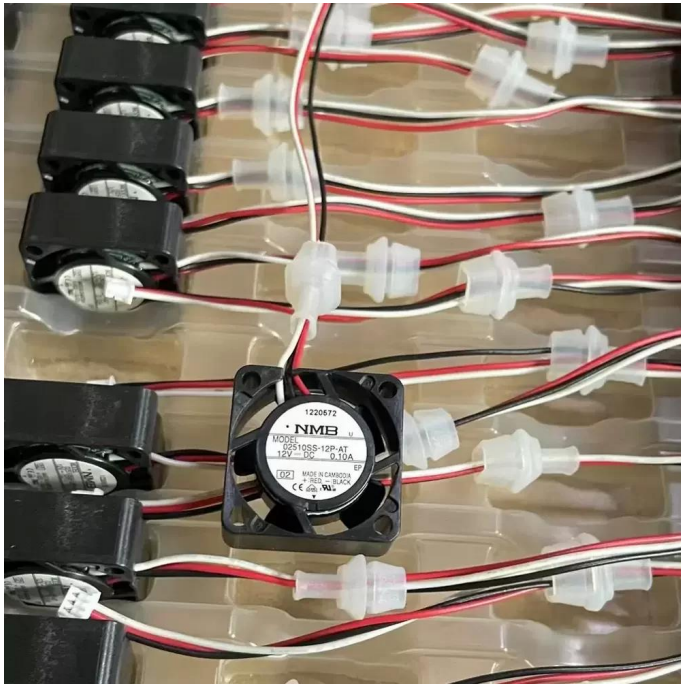


02510SS-12P-AT-02 NMB 12VDC 25x25x10mm Low Noise Axial Fan Datasheet



Brand: NMB

SKU: [901574657099](#)

Category: Axial & Centrifugal Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/02510ss-12p-at-02-nmb-12vdc-25x25x10mm-low-noise-axial-fan>

Product Description

The NMB 02510SS-12P-AT-02 is a compact Axial Fan engineered for precision thermal management in space-constrained electronic assemblies. Utilizing advanced DC brushless motor technology, this unit delivers consistent airflow while maintaining a minimal acoustic profile, attributed to its aerodynamically optimized impeller design. The construction features a robust housing that ensures structural rigidity and efficient thermal impedance management. Designed for reliability, the 02510SS-12P-AT-02 integrates a specialized bearing architecture that balances rotational stability with operational longevity, making it an ideal solution for sensitive instrumentation requiring low-vibration cooling performance.

Model Number: 02510SS-12P-AT-02

Brand: NMB (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.10 A

Input Power: 1.20 W

Rated Speed: 10000 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 2.2 CFM (3.74 m³/h / 0.06 m³/min)

Max. Static Pressure: 3.5 mmH₂O (34.3 Pa / 0.14 inH₂O)

Dimensions: 25 x 25 x 10 mm

Noise Level: 24.0 dB(A)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Termination: 2-Wire Lead (Red +, Black -)

Operating Temperature: -10°C to +60°C

Storage Temperature: -40°C to +70°C

Weight: 7.5 g

Life Expectancy: 30,000 Hours (at 25°C)

Motor Protection: Impedance Protected

The 02510SS-12P-AT-02 is frequently deployed in compact electronic environments where active cooling is essential but space is at a premium. Common implementations include chipset cooling in embedded systems, ventilation for small form-factor DVRs, and thermal regulation in portable medical devices or handheld instrumentation. The low-noise characteristics of the 02510SS-12P-AT-02 also make it suitable for audio-visual equipment such as mini-projectors and home theater components, ensuring component longevity without introducing disruptive acoustic interference.

Supplemental Images

