MF60120V1-C230-S9A SUNON 5VDC 60mm PWM MagLev Axial Fan Datasheet

Brand: SUNON

SKU: 1003090109252

Category: Axial & Centrifugal Fans

Price: **$13.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/mf60120v1-c230-s9a-sunon-5vdc-60mm-pwm-maglev-axial-fan

Product Description

The SUNON MF60120V1-C230-S9A is a precision-engineered axial fan designed for compact thermal management in mini host systems. Utilizing SUNON's proprietary MagLev (Magnetic Levitation) motor technology, this unit eliminates physical contact between the shaft and bearing, significantly reducing friction and noise while extending operational lifespan. The 5VDC motor delivers 1.65W of cooling power, optimized for high-density electronic environments where thermal impedance must be minimized. Featuring a 4-wire PWM interface, it allows for dynamic speed control, ensuring an optimal balance between airflow performance and acoustic signature. The robust frame construction ensures structural rigidity, making it an ideal solution for critical cooling applications requiring reliability and efficiency.

Model Number: MF60120V1-C230-S9A
Brand: SUNON
Product Type: DC Axial Fan
Rated Voltage: 5 VDC
Power Consumption: 1.65 W
Rated Current: 0.33 A
Bearing Type: MagLev (Vapo Bearing)
Frame Size: 60 mm
Termination: 4-Wire / 4-Pin Connector

Speed Control: Pulse Width Modulation (PWM)
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Operating Temperature: -10°C to +70°C
Application: Mini Host / IT Equipment

The SUNON MF60120V1-C230-S9A is specifically engineered for restricted-space applications such as mini PCs, NUCs, and compact server hosts where efficient heat dissipation is critical. Its precise PWM control makes the MF60120V1-C230-S9A suitable for medical instrumentation, portable electronics, and telecommunications equipment requiring variable cooling speeds to manage fluctuating thermal loads without compromising acoustic comfort.

Supplemental Images