

MF35060V1-1D01C-G99 SUNON 5VDC 0.65W 35x35x10mm Axial Fan Datasheet



Brand: SUNON

SKU: 1003023958573

Category: Axial & Centrifugal Fans

Price: **\$16.99**

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Product Page:

<https://www.equipspares.com/product/mf35060v1-1d01c-g99-sunon-5vdc-0-65w-35x35x10mm-axial-fan>

Product Description

The SUNON MF35060V1-1D01C-G99 is a compact DC axial fan engineered for high-reliability thermal management in space-constrained electronic enclosures. Featuring SUNON's patented MagLev (Magnetic Levitation) motor technology and a Vapo bearing system, this unit delivers superior rotational stability by eliminating friction between the shaft and bearing surface. The design ensures low acoustic noise and exceptional longevity compared to traditional sleeve bearings. With a robust thermoplastic frame and optimized blade geometry, the fan provides efficient airflow while minimizing vibration. This 5VDC model is specifically calibrated for low power consumption (0.65W), making it an energy-efficient solution for critical cooling requirements where thermal impedance must be minimized.

Model Number: MF35060V1-1D01C-G99

Brand: SUNON

Product Type: DC Axial Fan

Series: MagLev MF Series

Rated Voltage: 5VDC

Voltage Range: 4.0 - 6.0 VDC

Power Consumption: 0.65 W

Rated Current: 0.13 A

Rated Speed: 7200 RPM

Bearing Type: MagLev Vapo Bearing

Max. Air Flow: 6.5 CFM (11.0 m³/h)

Max. Static Pressure: 0.12 inH₂O (30 Pa)

Dimensions: 35x35x10mm

Weight: 10.5 g

Noise Level: 24.0 dB(A)

Termination: 3-Wire (Lead Wire)

Signal Output: Tachometer (Frequency Generator)

Frame Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10 to +70 Degree C

Storage Temperature: -40 to +70 Degree C

Insulation Resistance: >10M Ohm at 500VDC

Dielectric Strength: 500VAC for 1 Minute

Life Expectancy: 60,000 Hours at 40 Degree C

Safety Certifications: UL, CUR, TUV

Designed for precision cooling, the MF35060V1-1D01C-G99 is widely utilized in industrial control systems and compact server chassis where reliability is paramount. Its compact form factor allows for seamless integration into micro-drives, projectors, and network appliances. The MF35060V1-1D01C-G99 is also frequently deployed in medical instrumentation and embedded telecommunications equipment, ensuring continuous operation by effectively dissipating heat from sensitive processors and power components.

Supplemental Images

