

MF30100V1-1000C-A99 SUNON 0.69W 5V axial fan

SKU: MF30100V1-1000C-A99

Price: \$6.06

Categories: Fans

Tags: SUNON

Product Link:

<https://www.electspares.com/product/mf30100v1-1000c-a99-sunon-0-69w-5v-axial-fan/>

Product Description

The SUNON MF30100V1-1000C-A99 is a compact DC axial fan measuring 30x30x10mm. It operates on 5 VDC, drawing 138 mA of current, with a power consumption of 0.69 W. This fan achieves a speed of 6500 RPM, providing an airflow of 5.5 CFM (approximately 9.34 m³/h). Its noise level is 23 dB(A). It features a precise Vapo bearing system (MagLev technology) for reliable, quiet operation and extended life. It connects via 2 wire leads. The frame and fan blade materials are thermoplastic PBT with a UL94V-0 flammability rating. The fan also includes automatic restart and polarity protection. It is commonly used for cooling compact electronic components, hard disks, projectors, and other small devices where space is limited and quiet operation is desired.

MF30100V1-1000C-A99 Fan Parameters

Model: MF30100V1-1000C-A99

Manufacturer: SUNON

Type: DC Axial Fan

Dimensions: 30x30x10 mm

Rated Voltage: 5 VDC

Operating Voltage Range: 2.5 to 6 VDC

Rated Current: 138 mA

Power Consumption: 0.69 W

Speed: 6500 RPM

Speed Tolerance: ±15%

Airflow: 5.5 CFM (9.34 m³/h)

Static Pressure: 0.20 inH₂O (49.8 Pa)

Noise Level: 23 dB(A)

Bearing Type: Vapo Bearing (MagLev technology)

Termination: 2 Wire Leads

Frame Material: Thermoplastic PBT

Fan Blade Material: Thermoplastic PBT

Flammability Rating: UL94V-0

Insulation Class: A

Insulation Resistance: 10 MΩ minimum (at 500 VDC)

Dielectric Strength: 500 VAC for 1 minute

Operating Temperature: -10 to 70°C

Storage Temperature: -40 to 70°C

Expected Life: 70,000 hours (at 40°C, 65% humidity, 90% CL)

Motor Protection: Automatic Restart, Polarity Protection

Weight: 8.5 g

Application: Compact electronic components, hard disks, projectors, mini-micro axial cooling

Product Images









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