

# **MB40101V2-000C-A99 SUNON DC12V 0.96W axial fan**

**SKU:** MB40101V2-000C-A99

**Price:** \$3.36

**Categories:** Fans

**Tags:** SUNON

**Product Link:**

<https://www.electspares.com/product/mb40101v2-000c-a99-sunon-dc12v-0-96w-axial-fan/>

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## **Product Description**

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The SUNON MB40101V2-000C-A99 is a compact DC axial fan measuring 40x40x10mm. It operates on 12 VDC, drawing 80 mA of current, with a power consumption of 0.96 W. This fan achieves a speed of 5800 RPM, providing an airflow of 7 CFM (approximately 11.9 m<sup>3</sup>/h). Its noise level is 27 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, chipsets, and small enclosures that require 12V DC cooling.

MB40101V2-000C-A99 Fan Parameters

Model: MB40101V2-000C-A99

Manufacturer: SUNON

Type: DC Axial Fan

Dimensions: 40x40x10 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 4.5 to 13.8 VDC

Rated Current: 80 mA

Power Consumption: 0.96 W

Speed: 5800 RPM

Speed Tolerance: ±15%

Airflow: 7 CFM (11.9 m<sup>3</sup>/h)

Static Pressure: 0.11 inH<sub>2</sub>O (3.3 mmH<sub>2</sub>O)

Noise Level: 27 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)

Motor Protection: Automatic Restart, Polarity Protection

Weight: 16 g

Application: Compact electronic components, chipsets, small enclosures, 12VDC systems.

## **Product Images**

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