PF80251V1-000C-A99 SUNON DC12V 4.1W axial fan

SKU: PF80251V1-000C-A99

Price: $7.63

Categories: Fans

Tags: SUNON

Product Link:

https://www.elecspares.com/product/pf80251v1-000c-a99-sunon-dc12v-4-1w-axial-fan/

Product Description

The SUNON PF80251V1-000C-A99 is a DC axial fan measuring 80x80x25mm. It operates on 12 VDC, drawing 0.34 A of current, with a power consumption of 4.1 W. This fan achieves a speed of 4800 RPM, providing an airflow of 60 CFM (approximately 101.4 m³/h). Its noise level is 44.7 dB(A). It features a precise Vapo bearing system (MagLev technology) for reliable operation, low noise, and extended life. It connects via 2 wire leads. The frame and impeller materials are thermoplastic (PBT) with a UL94V-0 flammability rating. The fan also includes automatic restart and polarity protection. Its MagLev motor design contributes to better dust resistance and higher reliability. It's commonly used in various electronic equipment, server cooling, and general cooling applications requiring efficient and durable airflow.

PF80251V1-000C-A99 Fan Parameters

Model: PF80251V1-000C-A99

Manufacturer: SUNON

Type: DC Axial Fan

Dimensions: 80x80x25 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 6 to 13.8 VDC

Rated Current: 0.34 A

Power Consumption: 4.1 W

Speed: 4800 RPM

Speed Tolerance: ±10%

Airflow: 60 CFM (101.4 m³/h)

Static Pressure: 0.410 inH2O (102.1 Pa)

Noise Level: 44.7 dB(A)

Bearing Type: Vapo Bearing (MagLev technology)

Termination: 2 Wire Leads (typically 315mm length, 24AWG)

Frame Material: Thermoplastic PBT

Impeller 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

Motor Protection: Automatic Restart, Polarity Protection

Operating Temperature: -10 to 70°C

Storage Temperature: -40 to 70°C

Expected Life: 70,000 hours (at 40°C)

Weight: 91.17 g

Application: Electronic equipment, server cooling, general cooling.

Product Images

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