PMD1204PJB1-A SUNON 12VDC 40x40x28mm 12W Axial Fan Datasheet

Brand: SUNON

SKU: 736867334004

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/pmd1204pjb1-a-sunon-12vdc-40x40x28mm-12w-axial-fan

Product Description

The SUNON PMD1204PJB1-A.(2).B2768-2.F.GN is a high-performance DC Axial Fan engineered for critical thermal management applications. Featuring advanced DC brushless motor technology and a robust dual ball bearing architecture, this unit is designed to withstand continuous operation while minimizing frictional wear and thermal impedance. The aerodynamic impeller geometry is optimized to deliver high static pressure, ensuring effective airflow through dense system components. Constructed with structural rigidity and precision balancing, this fan maintains operational stability and efficiency in demanding industrial environments.

Model Number: PMD1204PJB1-A.(2).B2768-2.F.GN
Brand: SUNON
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 6.0 - 13.8 VDC
Rated Current: 1.0 A
Power Consumption: 12.0 W
Rated Speed: 10500 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 23.5 CFM (39.9 m^3/h / 0.66 m^3/min)
Max. Static Pressure: 0.92 inH_2O (229 Pa / 23.4 mmH_2O)

Dimensions: 40 x 40 x 28 mm
Weight: 46.0 g
Life Expectancy: 70000 Hours at 40°C
Noise Level: 55.5 dB(A)
Signal Output: F Type (Frequency Generator/Tachometer)
Ingress Protection: IP5X
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Operating Temperature: -10 to +70 °C
Storage Temperature: -40 to +70 °C
Termination: Lead Wires (UL1007, 24AWG)
Certifications: UL, CUR, TUV, RoHS

The PMD1204PJB1-A.(2).B2768-2.F.GN is specifically calibrated for high-density computing environments, such as 1U server racks and blade servers, where space is limited and backpressure is high. Its compact form factor and high rotational speed allow it to effectively dissipate heat in tightly packed telecommunications enclosures and industrial automation equipment. Additionally, the PMD1204PJB1-A.(2).B2768-2.F.GN is suitable for use in precision medical devices and power supply units requiring reliable forced air convection.

Supplemental Images