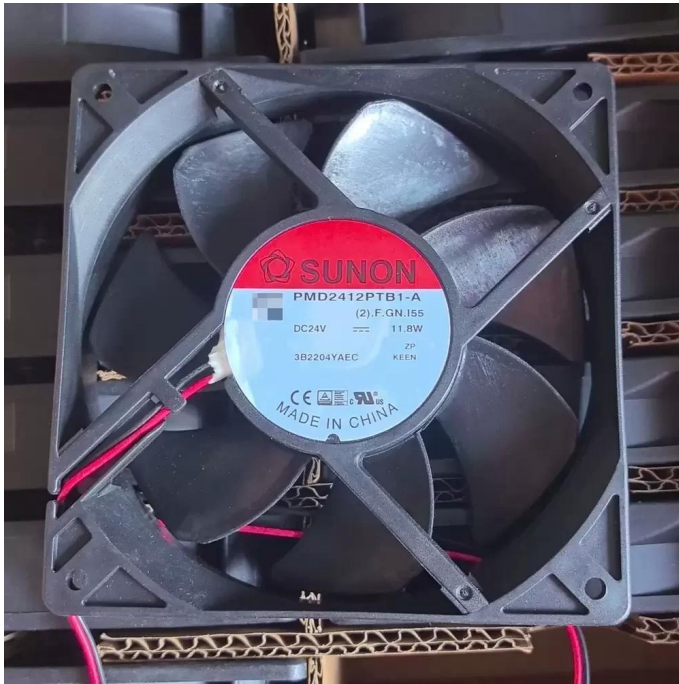


PMD2412PTB1-A.(2).F.GN.I55 Sunon 24VDC 120mm 11.8W Axial Fan Datasheet



Brand: SUNON

SKU: 945618035725

Category: Axial & Centrifugal Fans

Price: \$32.99

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/pmd2412ptb1-a-2-f-gn-i55-sunon-24vdc-120mm-11-8w-axial-fan>

Product Description

The Sunon PMD2412PTB1-A.(2).F.GN.I55 is a high-performance Axial Fan engineered for critical thermal management in industrial electronics and power conversion systems. Featuring a robust DC brushless motor and a precision dual ball bearing architecture, this unit is designed to withstand continuous operation while maintaining structural rigidity and mechanical stability. The aerodynamic impeller geometry is optimized to deliver high static pressure and airflow, effectively reducing thermal impedance in high-density enclosures. With a substantial power rating of 11.8W, this model ensures rapid heat dissipation, making it an essential component for maintaining the reliability and longevity of sensitive equipment under demanding load conditions.

Model Number: PMD2412PTB1-A.(2).F.GN.I55

Brand: Sunon

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Operating Voltage Range: 10.0 - 27.6 VDC

Rated Power: 11.8 W

Rated Current: 0.49 A

Rated Speed: 4500 RPM

Max. Air Flow: 150.0 CFM (254.8 m³/h / 4.24 m³/min)

Max. Static Pressure: 0.62 inH₂O (15.75 mmH₂O / 154.4 Pa)

Bearing Type: Dual Ball Bearing

Dimensions: 120 x 120 x 25 mm

Termination: 2-Wire Lead

Ingress Protection: IP55

Housing Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 54.0 dB(A)

Safety Approvals: UL, CUR, TUV, CE

The PMD2412PTB1-A.(2).F.GN.I55 is specifically designed for integration into industrial frequency inverters and variable frequency drives (VFDs), where consistent high-volume airflow is required to prevent component overheating. Additionally, the PMD2412PTB1-A.(2).F.GN.I55 serves as a robust cooling solution for server racks, telecommunications cabinets, and heavy-duty power supplies, ensuring optimal performance in automation and manufacturing environments.

Supplemental Images

