

PMD1206PMB3-A.(2).B938.F.GN SUNON 12VDC 60x60x38mm Axial Fan Datasheet



Brand: SUNON

SKU: 974957367993

Category: Axial & Centrifugal Fans

Price: \$7.99

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Product Page:

<https://www.equipspares.com/product/pmd1206pmb3-a-2-b938-f-gn-sunon-12vdc-60x60x38mm-axial-fan>

Product Description

The SUNON PMD1206PMB3-A.(2).B938.F.GN is a high-performance Axial Fan engineered for demanding thermal management applications requiring substantial airflow and static pressure. Utilizing advanced DC brushless motor technology and a robust dual ball bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous load conditions. The aerodynamic impeller design optimizes airflow delivery while maintaining structural rigidity, effectively reducing thermal impedance in high-density electronic enclosures. Its precise 4-wire configuration allows for sophisticated speed control and monitoring, making it an ideal solution for critical cooling requirements where reliability and performance stability are paramount.

Model Number: PMD1206PMB3-A.(2).B938.F.GN

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Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Power: 5.2W

Rated Current: 0.43 A

Rated Speed: 8000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 56.5 CFM (96.0 m³/h)

Max. Static Pressure: 0.92 inH₂O (229 Pa)

Dimensions: 60x60x38mm

Weight: 90 g

Termination: 4-Wire Lead

Wire Function: Red (+), Black (-), Yellow (Tach/Sensor), Blue (PWM)

Housing Material: PBT Plastic (UL94V-0)

Blade Material: PBT Plastic (UL94V-0)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Ingress Protection: IP20

Safety Certifications: UL, CUR, TUV, CE

Designed for high-density computing environments, the PMD1206PMB3-A.(2).B938.F.GN excels in server rack cooling and telecommunications equipment where space is constrained but heat dissipation needs are high. This unit is frequently integrated into industrial automation systems, power supply units, and network switches to maintain optimal operating temperatures. The PMD1206PMB3-A.(2).B938.F.GN provides the necessary static pressure to overcome resistance in tightly packed chassis, ensuring critical components remain within safe thermal limits during continuous operation.

Supplemental Images

