GM1204PQB1-8A.(2).F.GN Sunon 12VDC 40mm Axial Fan Datasheet

Brand: SUNON

SKU: 995228350994

Category: Axial & Centrifugal Fans

Price: **$16.99**

E-mail: sales@equipspares.com

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Product Page: https://www.equipspares.com/product/gm1204pqb1-8a-2-f-gn-sunon-12vdc-40mm-axial-fan

Product Description

The Sunon GM1204PQB1-8A.(2).F.GN is a high-density DC Axial Fan engineered for precision thermal management in space-constrained environments. Utilizing advanced motor technology and a robust bearing architecture, this unit minimizes thermal impedance while maintaining structural rigidity under continuous operation. The aerodynamic impeller design is optimized for high static pressure, ensuring efficient heat dissipation through dense heat sinks or restricted enclosures. Its construction features high-grade materials that ensure long-term reliability and stability in demanding industrial and computing applications.

Model Number: GM1204PQB1-8A.(2).F.GN
Brand: Sunon
Product Type: DC Axial Fan
Rated Voltage: 12VDC
Voltage Range: 6.0 - 13.8 VDC
Rated Current: 0.22 A
Power: 2.6 W
Rated Speed: 8500 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 17.5 CFM (29.7 m^3/h / 0.50 m^3/min)
Max. Static Pressure: 13.97 mmH_2O (137.0 Pa / 0.55 inH_2O)
Dimensions: 40x40x28mm

Weight: 42g
Life Expectancy: 70,000 Hours at 40°C
Speed Control: Tachometer (F-Signal)
Noise Level: 39.0 dB(A)
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Termination: 3-Lead Wires
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Insulation Class: Class A
Protection Features: Auto Restart, Polarity Protection
Certifications: UL, TUV, CE

The Sunon GM1204PQB1-8A.(2).F.GN is specifically designed for integration into high-performance server racks, network switches, and telecommunications equipment where compact cooling is critical. Given its high static pressure capabilities, the GM1204PQB1-8A.(2).F.GN excels in cooling medical diagnostic devices and industrial power supplies that require consistent airflow through obstructed internal pathways. Its 3-wire configuration allows for real-time monitoring of fan health in mission-critical hardware deployments.

Supplemental Images