

KD1204PKB1.(2).GN SUNON 12VDC 40x40x20mm 1.0W Axial Fan Datasheet



Brand: SUNON

SKU: [903279172910](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/kd1204pkb1-2-gn-sunon-12vdc-40x40x20mm-1-0w-axial-fan>

Product Description

The SUNON KD1204PKB1.(2).GN is a high-efficiency Axial Fan designed for precision thermal management in compact industrial and electronic applications. Engineered with SUNON's advanced DC brushless motor technology, this unit ensures consistent airflow delivery while maintaining a compact footprint. The fan features a robust thermoplastic frame construction that provides structural rigidity and vibration dampening, essential for sensitive electronic environments. With a power rating of 1.0W, it offers an optimal balance between static pressure performance and energy consumption. The aerodynamic impeller design minimizes turbulence, resulting in a lower thermal impedance and enhanced cooling efficiency for continuous duty cycles.

Model Number: KD1204PKB1.(2).GN

Brand: SUNON

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Power: 1.0W

Rated Current: 0.08 A

Rated Speed: 7200 RPM

Max. Air Flow: 8.9 CFM (15.1 m³/h)

Max. Static Pressure: 0.21 inH₂O (52.2 Pa)

Dimensions: 40 x 40 x 20 mm

Bearing Type: Ball Bearing

Noise Level: 25.5 dBA

Termination: 2-Wire (Lead Wire)

Dielectric Strength: 300V

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Origin: China

Condition: New/Surplus

This cooling solution is specifically engineered for integration into high-density electronic enclosures, such as 1U server racks, network switches, and industrial automation control panels. The KD1204PKB1.(2).GN is ideal for maintaining optimal operating temperatures in medical instrumentation and telecommunications equipment where space is strictly limited. Additionally, the KD1204PKB1.(2).GN serves as a critical component in power supply units and CNC machinery, protecting sensitive circuitry from thermal degradation and ensuring long-term system reliability.

Supplemental Images

