KD1204PKB2.(2).F.GN SUNON 12V 40x40x20mm DC Axial Fan Datasheet

Brand: SUNON

SKU: 1036632615962

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/kd1204pkb2-2-f-gn-sunon-12v-40x40x20mm-dc-axial-fan

Product Description

The SUNON KD1204PKB2.(2).F.GN is a high-precision DC axial fan measuring 40 x 40 x 20 mm, operating at a nominal 12 VDC with a power consumption of 0.7 W. This cooling component features a dual ball bearing system designed for extended operational life and stability under continuous rotation. The frame and impeller are constructed from UL 94V-0 rated thermoplastic PBT, ensuring high thermal resistance and structural integrity. The unit utilizes a 3-wire interface for power and signal transmission, providing a rated speed of 6200 RPM and an airflow capacity of 7.7 CFM while maintaining a low acoustic profile of 22 dBA.

KD1204PKB2.(2).F.GN Specifications
Model Number: KD1204PKB2.(2).F.GN
Brand: SUNON
Category: DC Axial Fan
Dimensions: 40 x 40 x 20 mm
Rated Voltage: 12 VDC
Operating Voltage Range: 6 VDC to 13.8 VDC
Rated Current: 0.062 A
Rated Power: 0.7 W
Rated Speed: 6200 RPM
Airflow: 7.7 CFM (0.216 m^3/min)

Static Pressure: 0.16 inch-H2O
Noise Level: 22 dBA
Bearing Type: Dual Ball Bearing
Termination: 3-Wire Lead (UL1007, AWG26)
Frame Material: Thermoplastic PBT (UL 94V-0)
Impeller Material: Thermoplastic PBT (UL 94V-0)
Operating Temperature: -10 to +70 °C
Storage Temperature: -40 to +70 °C
Insulation Resistance: 500M ohm at 500 VDC
Dielectric Strength: 500 VAC for 1 minute
Weight: 31 g
Safety Approvals: UL, CSA, TUV, CE

KD1204PKB2.(2).F.GN Applications

Primary applications include integration into industrial control panels, telecommunications networking hardware, and compact server enclosures requiring localized thermal management. Deployed within CNC machine controllers, medical diagnostic equipment, and power supply units to maintain optimal operating temperatures for sensitive electronic components.

Supplemental Images