

KD1209PTS2.13.B1140.AF.GN Sunon 12VDC 92x92x25mm 1.7W Axial Fan Datasheet



Brand: SUNON

SKU: 906093898379

Category: Axial & Centrifugal Fans

Price: **\$13.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/kd1209pts2-13-b1140-af-gn-sunon-12vdc-92x92x25mm-1-7w-axial-fan>

Product Description

The Sunon KD1209PTS2.13.B1140.AF.GN is a precision-engineered axial fan designed for efficient thermal management in electronic enclosures. Utilizing a robust DC brushless motor architecture paired with a durable sleeve bearing system, this unit ensures reliable operation with optimized acoustic performance. The aerodynamic impeller design minimizes turbulence while maximizing airflow delivery, effectively reducing thermal impedance within high-density component layouts. Constructed with structural rigidity in mind, the frame resists vibration, making it suitable for continuous duty cycles in industrial and commercial environments requiring consistent heat dissipation.

Model Number: KD1209PTS2.13.B1140.AF.GN

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Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 4.5 - 13.8 VDC

Power: 1.70 W

Rated Current: 0.14 A

Rated Speed: 2400 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 43.0 CFM (73.06 m³/h / 1.21 m³/min)

Max. Static Pressure: 3.56 mmH₂O (34.91 Pa / 0.14 inH₂O)

Noise Level: 30.0 dBA

Dimensions: 92x92x25mm

Weight: 94.0 g

Termination: 3-Wire (Lead Wires)

Speed Control: Tachometer Output (FG Signal)

Housing Material: PBT Plastic (UL94V-0)

Blade Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Insulation Class: Class A

Ingress Protection: IP20

Mounting Orientation: Vertical or Horizontal

Life Expectancy: 30,000 Hours at 25°C

Designed for versatility, the KD1209PTS2.13.B1140.AF.GN is frequently integrated into computer chassis, server rack enclosures, and industrial power supply units where space and airflow balance are critical. Its 92mm form factor allows it to fit standard mounting points in telecommunications equipment and medical instrumentation. Engineers rely on the KD1209PTS2.13.B1140.AF.GN for its consistent performance in maintaining optimal operating temperatures for sensitive electronics, ensuring system longevity and stability.

Supplemental Images

