

KD1208PTS1.13.U.B1452.GN Sunon 12VDC 80x80x25mm 2.6W Axial Fan Datasheet



Brand: SUNON

SKU: [915457352788](#)

Category: Axial & Centrifugal Fans

Price: **\$9.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/kd1208pts1-13-u-b1452-gn-sunon-12vdc-80x80x25mm-2-6w-axial-fan>

Product Description

The Sunon KD1208PTS1.13.U.B1452.GN is a precision-engineered Axial Fan designed for high-efficiency thermal management in compact electronic enclosures and power supply units. Utilizing advanced DC brushless motor technology, this unit delivers consistent airflow while maintaining optimal energy efficiency at a rated power of 2.6W. The chassis and impeller are constructed from reinforced thermoplastic PBT (UL94V-0), ensuring structural rigidity and resistance to environmental stress and flammability. Its aerodynamic impeller design minimizes turbulence, thereby reducing acoustic noise while maximizing static pressure capabilities. Engineered with a durable sleeve bearing system, this cooling solution offers a balanced operational lifespan suitable for continuous duty cycles in industrial computing and automation applications, providing reliable thermal impedance reduction.

Model Number: KD1208PTS1.13.U.B1452.GN

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Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 4.5 - 13.8 VDC

Rated Current: 0.217 A

Power Consumption: 2.6 W

Rated Speed: 3000 RPM
Bearing Type: Sleeve Bearing
Max. Air Flow: 40.0 CFM (67.96 m³/h)
Max. Static Pressure: 0.18 inH₂O (4.57 mmH₂O / 44.8 Pa)
Dimensions: 80x80x25mm
Noise Level: 33.0 dBA
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Termination: 2-Wire Lead (Red +, Black -)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Weight: 80 g
Motor Type: DC Brushless
Insulation Resistance: >10M Ohm at 500VDC
Dielectric Strength: 500VAC for 1 Minute
Safety Certifications: UL, CUR, TUV

This high-performance cooling unit is specifically calibrated for heat dissipation in dense electronic assemblies, including server racks, ATX power supplies, and industrial automation control panels. The KD1208PTS1.13.U.B1452.GN excels in environments requiring reliable airflow to prevent thermal throttling in sensitive components. Integrators frequently deploy the KD1208PTS1.13.U.B1452.GN within CNC machinery electronics and telecommunication network appliances where consistent static pressure is critical for maintaining operational stability across varying temperature ranges.

Supplemental Images

