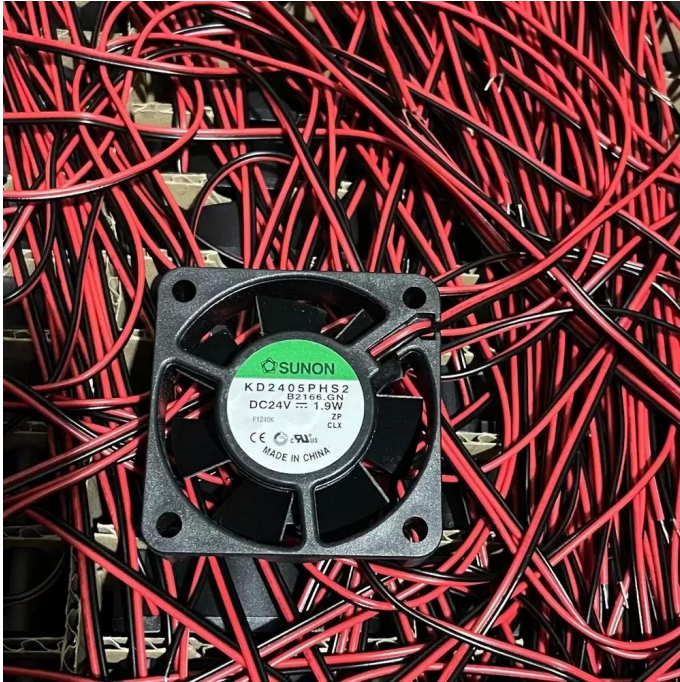


KD2405PHS2.B2166.GN SUNON 24VDC 50x50x15mm Axial Fan Datasheet



Brand: SUNON

SKU: [984945990277](#)

Category: Axial & Centrifugal Fans

Price: **\$3.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/kd2405phs2-b2166-gn-sunon-24vdc-50x50x15mm-axial-fan>

Product Description

The SUNON KD2405PHS2.B2166.GN is a compact DC axial fan engineered for precision thermal management in space-constrained industrial environments. Utilizing advanced DC brushless motor technology, this unit delivers consistent airflow while maintaining optimal energy efficiency at 1.9W. The chassis is constructed from durable thermoplastic, ensuring structural rigidity and resistance to thermal stress. Featuring a sleeve bearing architecture, the fan balances operational longevity with acoustic performance. Its aerodynamic impeller design minimizes turbulence, thereby reducing thermal impedance within the target enclosure. This 24VDC cooling solution is RoHS compliant, reflecting Sunon's commitment to environmental standards and reliable electronic component manufacturing.

Model Number: KD2405PHS2.B2166.GN

Brand: SUNON

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 20.4 - 27.6 VDC

Power Consumption: 1.90 W

Rated Current: 0.08 A

Bearing Type: Sleeve Bearing

Dimensions: 50x50x15mm

Termination: 2-Wire Lead (Red/Black)

Frame Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Motor Type: Brushless DC

Direction of Rotation: Counter-clockwise viewed from front of fan blade

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: Standard

Compliance: RoHS

Weight: 39 g

This cooling unit is specifically designed for applications requiring reliable heat dissipation in compact footprints. The KD2405PHS2.B2166.GN is frequently integrated into server rack cooling modules, network switches, and industrial power supply units where continuous airflow is critical. Additionally, the KD2405PHS2.B2166.GN serves as an effective thermal solution for medical instrumentation and small-scale CNC controllers, ensuring sensitive electronics operate within safe temperature ranges to prevent thermal throttling or component failure.

Supplemental Images

