RDH1225S Xinruilian 12VDC 120x120x25mm 2-Wire Axial Fan Datasheet

Brand: Xinruilian

SKU: 840572412740

Category: Axial & Centrifugal Fans

Price: **$9.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/rdh1225s-xinruilian-12vdc-120x120x25mm-2-wire-axial-fan

Product Description

The Xinruilian RDH1225S is a high-efficiency DC axial fan engineered for critical thermal management in power supply units and electronic chassis. Built upon a durable DC motor platform and utilizing a sleeve bearing architecture, this component delivers reliable performance with optimized structural rigidity. The fan features an aerodynamic impeller design intended to maximize airflow volume while managing static pressure requirements typical of enclosed electronic systems. Its robust construction ensures consistent operation, effectively reducing thermal impedance to protect sensitive components from overheating. With a standard 2-wire termination, the RDH1225S integrates seamlessly into existing DC power circuits, offering a practical solution for maintaining thermal equilibrium in industrial and consumer hardware.

Model Number: RDH1225S
Brand: Xinruilian (X-FAN)
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Rated Current: 0.40 A
Input Power: 4.80 W
Dimensions: 120 x 120 x 25 mm
Bearing Type: Sleeve Bearing
Termination: 2-Wire Lead

Connector: Bare Wire / Standard 2-Pin
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Mounting Style: Flange Mount
Direction of Rotation: Counter-Clockwise
Airflow Direction: Strut Side Exhaust
Application: Power Supply / Chassis

The RDH1225S is specifically calibrated for integration into computer chassis and power supply units (PSUs) where consistent air exchange is mandatory. By effectively exhausting hot air from enclosed spaces, the RDH1225S safeguards transformers, capacitors, and heatsinks from thermal saturation. This model is widely adopted in server racks, industrial automation control boxes, and desktop computing environments, ensuring that hardware operates within specified temperature ranges to prolong component lifespan and maintain system stability.

Supplemental Images