LD7515S05H LEJOWE 5VDC 40x40x20mm Silent Axial Fan Datasheet

SKU: 818422831507

Category: Axial & Centrifugal Fans

Price: **$9.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ld7515s05h-lejowe-5vdc-40x40x20mm-silent-axial-fan

Product Description

LEJOWE LD7515S05H is a 5VDC 40x40x20mm Axial Fan optimized for compact thermal management in low-voltage electronics. This DC brushless cooling solution features a precision-engineered motor and aerodynamic impeller designed to minimize thermal impedance while maintaining structural rigidity. Operating at 0.35A with a rated speed of 4000 RPM, it balances airflow efficiency with acoustic performance. The 4020 frame size provides a deeper blade pitch compared to standard 4010 models, allowing for higher static pressure at lower noise levels, making it ideal for sensitive instrumentation and localized heat dissipation.

Model Number: LD7515S05H
Brand: LEJOWE
Product Type: Axial Fan
Rated Voltage: 5 VDC
Voltage Range: 4.5 - 5.5 VDC
Rated Current: 0.35 A
Power: 1.75 W
Rated Speed: 4000 RPM
Bearing Type: Sleeve Bearing
Max. Air Flow: 7.2 CFM (12.2 m^3/h / 0.20 m^3/min)
Max. Static Pressure: 3.2 mmH_2O (31.4 Pa / 0.12 inH_2O)

Dimensions: 40 x 40 x 20 mm
Weight: 25 g
Life Expectancy: 30000 hours
Noise Level: 24.0 dB(A)
Housing Material: UL94V-0 Plastic PBT
Blade Material: UL94V-0 Plastic PBT
Termination: 2-Wire Lead Wires
Operating Temperature: -10 to +70 °C
Storage Temperature: -40 to +75 °C
Protection: Locked Rotor Protection, Reverse Polarity Protection

LD7515S05H Applications
1. Portable Medical Devices: Low-vibration and silent 4000 RPM operation ensures patient comfort while cooling internal diagnostic sensors.
2. Network Switch Replacement Fan: The 20mm depth provides superior static pressure to overcome high system impedance in compact 1U/2U enclosures.
3. 3D Printer Mainboard Cooling: 5VDC compatibility allows direct integration with controller boards to prevent thermal throttling during long print cycles.

Supplemental Images