ASB0512LB-A Delta 12VDC 50x50x15mm Low Noise Axial Fan Datasheet

Brand: Delta

SKU: 887668870210

Category: Axial & Centrifugal Fans

Price: **$7.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/asb0512lb-a-delta-12vdc-50x50x15mm-low-noise-axial-fan

Product Description

The Delta ASB0512LB-A is a precision-engineered Axial Fan designed for compact thermal management applications requiring a balance between airflow and acoustic performance. Utilizing advanced sleeve bearing architecture, this unit ensures rotational stability and cost-effective reliability. The aerodynamic impeller design minimizes turbulence, thereby reducing operational noise while maintaining consistent air delivery. Constructed with high-grade PBT thermoplastic for structural rigidity, the fan effectively manages thermal impedance in restricted enclosures, making it an ideal solution for sensitive electronic assemblies requiring steady heat dissipation.

Model Number: ASB0512LB-A
Brand: Delta Electronics
Product Type: Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 7.0 - 13.8 VDC
Rated Current: 0.11 A
Power: 1.32 W
Rated Speed: 3800 RPM
Bearing Type: Sleeve Bearing
Max. Air Flow: 8.50 CFM (14.44 m^3/h / 0.24 m^3/min)
Max. Static Pressure: 2.30 mmH_2O (22.55 Pa / 0.09 inH_2O)

Dimensions: 50 x 50 x 15 mm
Noise Level: 24.0 dBA
Housing Material: PBT Plastic (UL94V-0)
Blade Material: PBT Plastic (UL94V-0)
Termination: 2-Wire Lead
Operating Temperature: -10 to +70 °C
Storage Temperature: -40 to +70 °C
Life Expectancy: 30,000 Hours at 40°C
Weight: 20 g

The ASB0512LB-A is specifically calibrated for integration into compact electronic systems where space is at a premium and noise reduction is critical. Common deployment environments include small form-factor power supplies, network switches, DVR systems, and localized cooling for chipset heatsinks. The ASB0512LB-A provides reliable thermal regulation in consumer electronics and industrial control panels, ensuring component longevity by preventing heat accumulation in dense hardware configurations.

Supplemental Images


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DC12V 0.11A YEU
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DELTA ELECTRONICS, INC.
MADE IN CHINA