BSB0512LAA01-WMH Delta 12VDC 50x50x10mm Centrifugal Blower Fan Datasheet

Brand: Delta

SKU: 893744827153

Category: Axial & Centrifugal Fans

Price: **$7.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/bsb0512laa01-wmh-delta-12vdc-50x50x10mm-centrifugal-blower-fan

Product Description

The Delta BSB0512LAA01-WMH is a precision-engineered DC Centrifugal Blower designed for compact thermal management applications requiring directed airflow and high static pressure. Utilizing advanced DC brushless motor technology, this unit optimizes aerodynamic efficiency to deliver consistent cooling performance while minimizing acoustic resonance. The chassis is constructed to ensure structural rigidity, reducing vibration during operation at its rated speed of 4200 RPM. Engineered for reliability, the BSB0512LAA01-WMH maintains low thermal impedance within high-density electronic enclosures, making it an essential component for maintaining system stability under continuous load conditions. Its 3-wire configuration supports speed monitoring for critical feedback loops.

Model Number: BSB0512LAA01-WMH
Brand: Delta Electronics
Product Type: DC Centrifugal Blower
Rated Voltage: 12 VDC
Rated Current: 0.10 A
Power Consumption: 1.20 W
Rated Speed: 4200 RPM

Dimensions: 50 x 50 x 10 mm
Airflow Direction: Lateral (Blower)
Termination: 3-Wire (Lead Wire)
Signal Output: Tachometer (Speed Sensor)
Motor Type: DC Brushless
Mounting Style: Flange Mount
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Application: Projector/Laptop/Server Cooling
Condition: New, Original OEM

The BSB0512LAA01-WMH is frequently integrated into compact electronic assemblies where vertical space is restricted, such as ultra-slim projectors, notebook cooling modules, and portable medical instrumentation. Its focused airflow is ideal for cooling specific hotspots on PCBs or directing air through fin stacks in 3D printer extruders. By employing the BSB0512LAA01-WMH, engineers ensure efficient heat dissipation in confined chassis environments, preventing thermal throttling in sensitive processing units and power regulation components.

Supplemental Images