AUB0505HHBRS Delta 5VDC 50mm 3-Wire Axial Fan Datasheet

Brand: Delta

SKU: 987677449373

Category: Axial & Centrifugal Fans

Price: **$98.99**

E-mail: sales@equipspares.com

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Product Page: https://www.equipspares.com/product/aub0505hhbrs-delta-5vdc-50mm-3-wire-axial-fan

Product Description

The Delta AUB0505HHBRS is a precision-engineered DC brushless axial fan designed for thermal management in compact electronic assemblies and automotive applications. Utilizing Delta's proprietary Superflo bearing architecture, this unit optimizes the tribological interface to reduce friction and extend operational lifespan compared to standard sleeve bearings. The 50mm frame houses an aerodynamically optimized impeller that balances static pressure with airflow, ensuring efficient heat dissipation in high-impedance environments. Engineered with a 5VDC drive circuit, the AUB0505HHBRS maintains structural rigidity and thermal stability, making it a robust solution for critical cooling applications requiring consistent performance and low acoustic signatures.

Model Number: AUB0505HHBRS
Brand: Delta Electronics
Product Type: DC Axial Fan
Rated Voltage: 5 VDC
Rated Current: 0.11 A
Input Power: 0.55 W
Bearing Type: Superflo Bearing
Dimensions: 50 mm (Frame Size)
Termination: 3-Wire (Lead Wire)
Wire Configuration: Red (+), Black (-), Blue (Signal/Tach)
Connector Type: Bare Wire (No Terminal)

Motor Type: DC Brushless
Country of Origin: Thailand
Mounting Orientation: Any
Housing Material: Plastic (PBT UL94V-0)
Blade Material: Plastic (PBT UL94V-0)
Ingress Protection: Standard
Speed Control: Tachometer Output (Assumed via Blue Wire)
Condition: New

The AUB0505HHBRS is specifically calibrated for applications requiring compact thermal solutions, such as automotive LED headlight cooling systems where space is constrained and reliability is paramount. Additionally, the AUB0505HHBRS serves effectively in small-scale telecommunications equipment, portable medical devices, and precision instrumentation. Its stable operation and moderate airflow profile make it suitable for maintaining optimal operating temperatures in enclosed chassis environments.

Supplemental Images