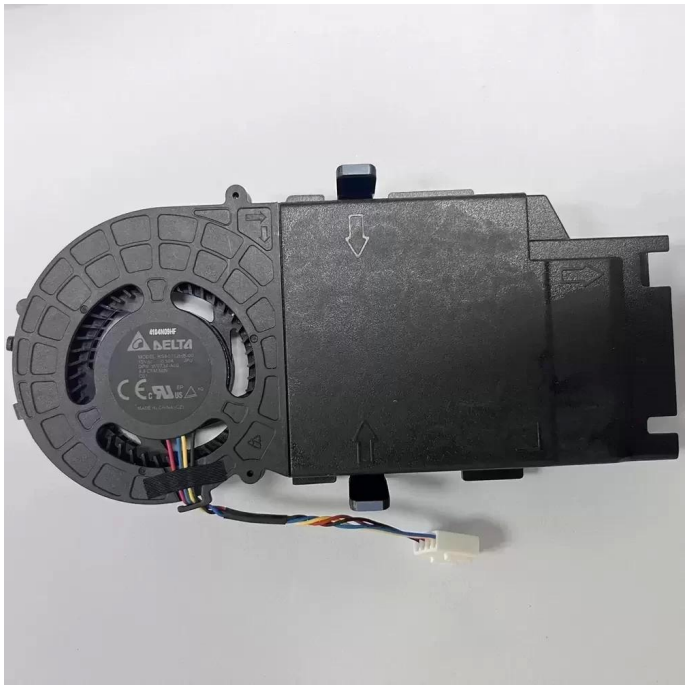
KSB0712HB-00 Delta 12VDC 0.50A PWM Centrifugal Blower Fan Datasheet



Brand: Delta

SKU: 878441219478

Category: Axial & Centrifugal Fans

Price: **$19.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ksb0712hb-00-delta-12vdc-0-50a-pwm-centrifugal-blower-fan

Product Description

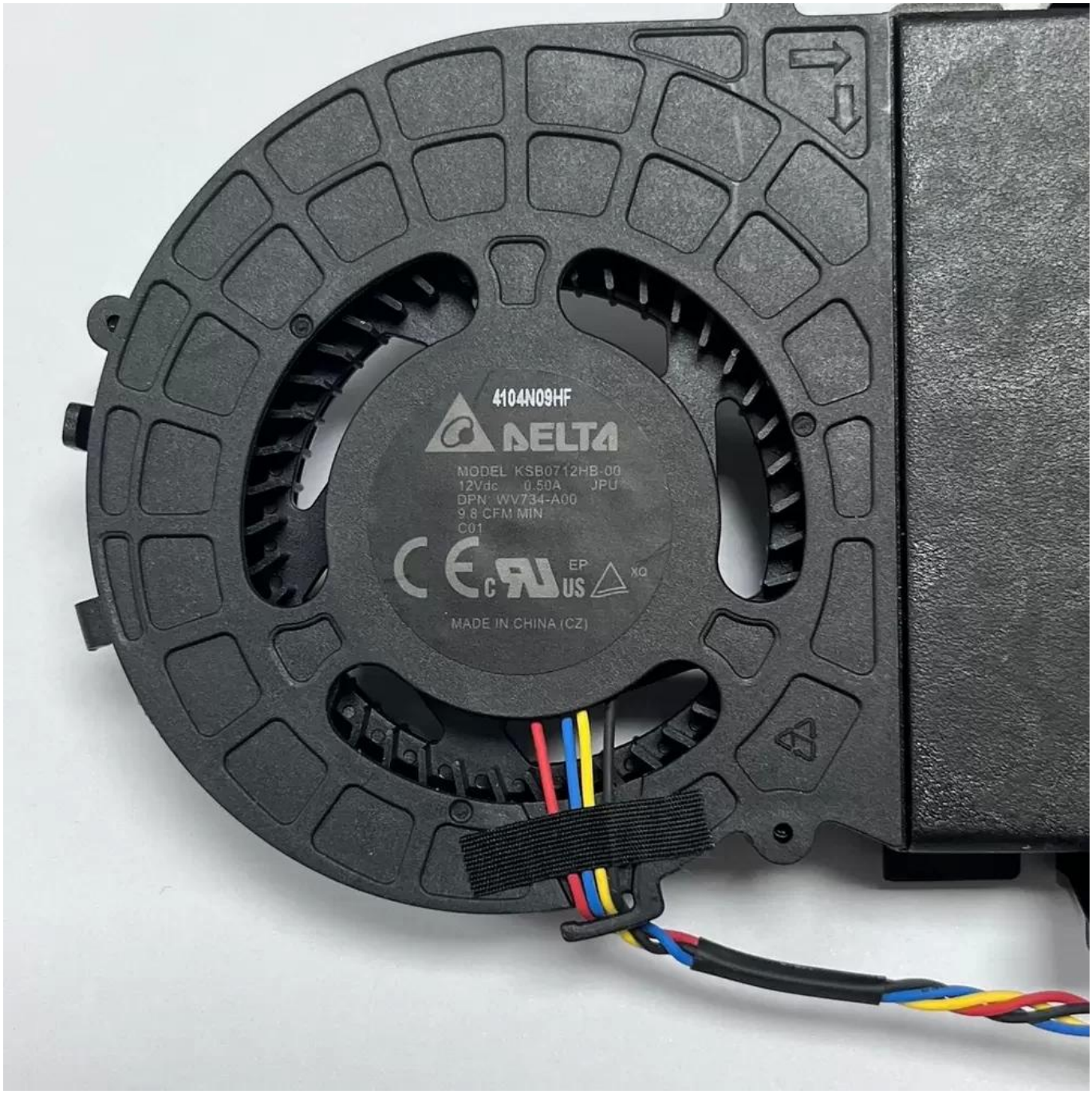
The Delta KSB0712HB-00 is a high-efficiency Centrifugal Blower engineered for compact thermal management applications requiring directed airflow. Featuring a robust DC brushless motor architecture, this unit delivers concentrated air pressure with optimized static pressure capabilities, essential for overcoming high thermal impedance in restricted enclosures. The device utilizes a 4-wire PWM interface, allowing for precise speed modulation and acoustic profile management based on real-time thermal loads. Constructed with structural rigidity in mind, the aerodynamic impeller design maximizes efficiency while maintaining operational stability under continuous load conditions, ensuring reliable heat dissipation for sensitive electronics.

Model Number: KSB0712HB-00
Brand: Delta Electronics
Product Type: Centrifugal Blower Fan
Rated Voltage: 12VDC
Rated Current: 0.50 A
Power Consumption: 6.0 W
Speed Control: PWM (Pulse Width Modulation)
Termination: 4-Wire Interface
Bearing Type: Precision Ball Bearing
Motor Type: DC Brushless

Airflow Direction: Centrifugal (90 Degree)
Housing Material: Industrial Grade Plastic
Mounting Style: Integrated Flange
Condition: New Original
Application: Projectors, AIO PCs, Compact Electronics

The KSB0712HB-00 is frequently integrated into compact electronic assemblies where directed airflow is critical, such as in high-lumen projectors, All-in-One (AIO) computing systems, and specialized industrial instrumentation. Its blower configuration allows the KSB0712HB-00 to effectively channel air through heatsink fins in 90-degree orientations, making it an ideal solution for space-constrained chassis requiring reliable thermal dissipation in medical devices and telecommunication equipment.

Supplemental Images


4104N09HF
DELTA
MODEL KSB0712HB-00
12Vdc 0.50A JPU
DPN WV734-A00
9.8 CFM MIN
C01
EP
XQ
MADE IN CHINA (CZ)