BASCO0712R2M-P006 AVC 12VDC 0.3A Centrifugal Blower Fan Datasheet

Brand: AVC

SKU: 692819050148

Category: Axial & Centrifugal Fans

Price: **$19.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/basco0712r2m-p006-avc-12vdc-0-3a-centrifugal-blower-fan

Product Description

The AVC BASCO0712R2M-P006 is a specialized centrifugal blower designed for high-static pressure applications within compact chassis environments. Engineered by Asia Vital Components, this unit utilizes a DC brushless motor architecture paired with a precision hydraulic bearing system to minimize frictional coefficients and extend operational lifespan. The aerodynamic volute design optimizes airflow trajectory, significantly reducing thermal impedance in restricted spaces such as All-In-One (AIO) PC heat sinks. Its structural rigidity ensures consistent performance under thermal load, making it a critical component for maintaining thermal equilibrium in high-density computing hardware.

Model Number: BASCO0712R2M-P006
Brand: AVC (Asia Vital Components)
Product Type: Centrifugal Blower
Rated Voltage: 12V DC
Voltage Range: 10.8 - 13.2 VDC
Rated Current: 0.30 A
Power Consumption: 3.60 W
Bearing Type: Hydraulic Bearing
Speed Control: PWM (Pulse Width Modulation)
Termination: 4-Wire Lead

Connector: 4-Pin Motherboard Header
Housing Material: PBT Synthetic Plastic (UL94V-0)
Blade Material: PBT Synthetic Plastic (UL94V-0)
Mounting Configuration: 3-Point Mounting
Application: CPU Cooling / System Exhaust
Compatible Series: Lenovo Yangtian S710, S760, S590
Compatible Model: ThinkCentre M7101z

The BASCO0712R2M-P006 is primarily deployed in compact computing solutions where vertical clearance is limited, specifically within All-In-One (AIO) desktop architectures. It serves as the primary thermal management solution for CPU heat extraction in systems like the Lenovo ThinkCentre M7101z and Yangtian series. The BASCO0712R2M-P006 ensures efficient heat dissipation from copper or aluminum fin stacks, preventing thermal throttling in enterprise-grade workstations and integrated display computers.

Supplemental Images


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