

BAZB0510R2HP003 AVC 12VDC 0.35A 50mm Blower Fan Datasheet



Brand: AVC

SKU: [1019518227653](#)

Category: Axial & Centrifugal Fans

Price: **\$18.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/bazb0510r2hp003-avc-12vdc-0-35a-50mm-blower-fan>

Product Description

The AVC BAZB0510R2HP003 is a DC Blower Fan engineered for precision thermal management in compact electronic assemblies. Utilizing advanced hydraulic bearing architecture, this unit minimizes frictional coefficients while maintaining structural rigidity under high-velocity operation. The aerodynamic centrifugal impeller design optimizes static pressure generation, essential for overcoming high thermal impedance in restricted enclosures such as laptop chassis. Operating at 12VDC with Pulse Width Modulation (PWM) capabilities, it ensures dynamic speed regulation relative to thermal load, balancing acoustic performance with cooling efficiency.

Model Number: BAZB0510R2HP003

Brand: AVC (Asia Vital Components)

Product Type: DC Centrifugal Blower

OEM Part Number: L92064-001

Rated Voltage: 12VDC

Rated Current: 0.35A

Power Consumption: 4.20W

Bearing Type: Hydraulic Bearing

Dimensions: 50mm Class (Specific Laptop Form Factor)

Termination: 4-Wire Lead

Connector: 4-Pin PWM Header

Speed Control: PWM (Pulse Width Modulation)

Material: Thermoplastic PBT (UL94V-0)

Application: HP Laptop Cooling Upgrade

Mounting: Integrated Chassis Mount Points

Cooling Method: Active Air Cooling

The BAZB0510R2HP003 is specifically calibrated for integration into high-density mobile computing platforms, serving as a critical component for HP laptop thermal dissipation systems. By effectively channeling airflow through heatsink fins, the BAZB0510R2HP003 prevents thermal throttling in processors and GPUs within restricted spaces. This blower is also suitable for custom compact electronics requiring directed airflow and active cooling solutions where the specific form factor matches the chassis requirements.

Supplemental Images

