

BASA0712R5L-006 AVC 5V 0.15A 70x70x12mm DC Blower Datasheet



Brand: AVC

SKU: [692224991411](#)

Category: Axial & Centrifugal Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/basa0712r5l-006-avc-5v-0-15a-70x70x12mm-dc-blower>

Product Description

The AVC BASA0712R5L-006 is a 5VDC 70x70x12mm Blower optimized for low-profile thermal management in noise-sensitive environments. Engineered with a high-efficiency DC motor and precision bearing architecture, this unit minimizes thermal impedance while maintaining structural rigidity in compact enclosures. Operating at a rated current of 0.15A and a specialized low speed of 1650 RPM, it delivers consistent laminar airflow with minimal acoustic output. The aerodynamic centrifugal impeller is designed to overcome moderate static pressure, making it an ideal solution for localized cooling where standard axial fans cannot provide the necessary directional airflow or clearance.

Model Number: BASA0712R5L-006

Brand: AVC

Product Type: Blower Fan

Rated Voltage: 5 VDC

Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.15 A

Power: 0.75 W

Rated Speed: 1650 RPM

Bearing Type: Hydraulic/Sleeve System

Max. Air Flow: 4.2 CFM

Max. Static Pressure: 2.15 mmH₂O

Dimensions: 70 x 70 x 12 mm

Weight: 35 g

Life Expectancy: 30,000 Hours at 40°C

Noise Level: 18.5 dBA

Housing Material: UL94V-0 Plastic

Blade Material: UL94V-0 Plastic

Termination: 2-Wire Lead Wires

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Mounting Orientation: All Directions

Protection Features: Locked Rotor Protection, Polarity Protection

BASA0712R5L-006 Applications

1. Ultra-Quiet Media Centers: The 1650 RPM low-vibration profile provides silent operation for home theater PCs and set-top boxes where acoustic interference must be eliminated.
2. Compact Projector Cooling: The 12mm slim centrifugal design allows for precise directional exhaust in tight optical engine compartments, serving as a high-reliability replacement fan.
3. Portable Medical Instrumentation: Low power consumption (0.75W) and 5VDC compatibility make it ideal for battery-operated diagnostic tools requiring steady, low-noise thermal regulation.

Supplemental Images

