

DE07015B12U-A069 AVC 12VDC 70x70x15mm PWM Axial Fan Datasheet



Brand: AVC

SKU: [969771228661](#)

Category: Axial & Centrifugal Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/de07015b12u-a069-avc-12vdc-70x70x15mm-pwm-axial-fan>

Product Description

The AVC DE07015B12U-A069 is a precision-engineered DC axial fan designed for high-density thermal management applications requiring substantial airflow in restricted spaces. Featuring a robust dual ball bearing architecture, this unit ensures minimized frictional coefficients and extended operational longevity under continuous high-speed loads. The aerodynamic impeller design optimizes static pressure delivery while maintaining structural rigidity, effectively reducing thermal impedance in compact enclosures. Integrated PWM speed control allows for dynamic modulation of rotational velocity, balancing acoustic performance with critical cooling requirements in sensitive electronic environments, making it an ideal solution for high-performance computing hardware.

Model Number: DE07015B12U-A069

Brand: AVC (Asia Vital Components)

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Rated Current: 0.70 A

Power Consumption: 8.40 W

Bearing Type: Dual Ball Bearing

Dimensions: 70 x 70 x 15 mm

Speed Control: PWM (Pulse Width Modulation)

Termination: 4-Wire Lead

Connector Type: Standard 4-Pin Motherboard Header

Housing Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Mounting Orientation: Any

Operating Temperature: -10°C to +70°C

Life Expectancy: 70,000 Hours @ 40°C

The DE07015B12U-A069 is specifically engineered for high-performance computing environments where space constraints and thermal density are critical factors. Commonly deployed in server rack chassis and compact industrial workstations, this unit provides the necessary airflow to dissipate heat from central processing units and power regulation modules. The DE07015B12U-A069 utilizes its PWM functionality to integrate seamlessly with motherboard logic, ensuring optimal cooling during peak processing loads while reducing energy consumption during idle states in telecommunications and medical instrumentation hardware.

Supplemental Images

