DAZA1225R2L-P008 AVC 12VDC 120x120x25mm PWM Axial Fan Datasheet

Brand: AVC

SKU: 886022234399

Category: Axial & Centrifugal Fans

Price: **$16.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/daza1225r2l-p008-avc-12vdc-120x120x25mm-pwm-axial-fan

Product Description

The AVC DAZA1225R2L-P008 is a high-efficiency Axial Fan engineered for demanding thermal management applications requiring substantial airflow and pressure. Utilizing advanced Hydraulic Bearing technology, this unit minimizes frictional coefficients while maintaining structural rigidity under high rotational speeds, significantly extending the operational lifespan compared to standard sleeve bearings. The aerodynamic impeller design optimizes airflow dynamics to reduce thermal impedance in dense electronic enclosures. Operating at 12VDC with a current draw of 0.60A, the DAZA1225R2L-P008 integrates 4-wire PWM control for precise speed modulation, ensuring an optimal balance between acoustic performance and cooling efficiency in variable load environments.

Model Number: DAZA1225R2L-P008
Brand: AVC (Asia Vital Components)
Product Type: Axial Fan
Rated Voltage: 12VDC
Voltage Range: 7.0 - 13.2 VDC
Rated Current: 0.60 A
Input Power: 7.20 W
Rated Speed: 2800 RPM
Max. Air Flow: 98.5 CFM (167.3 m^3/h / 2.79 m^3/min)
Max. Static Pressure: 5.8 mmH_2O (56.8 Pa / 0.23 inH_2O)

Bearing Type: Hydraulic Bearing
Dimensions: 120 x 120 x 25 mm
Noise Level: 42.0 dBA
Termination: 4-Wire Lead with 4-Pin Connector
Speed Control: PWM (Pulse Width Modulation)
Housing Material: PBT Synthetic Resin (UL94V-0)
Impeller Material: PBT Synthetic Resin (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Life Expectancy: 50,000 Hours at 40°C
Direction of Rotation: Counter-clockwise (viewed from front)

The DAZA1225R2L-P008 is specifically designed for high-performance computing environments, including server chassis, workstation cooling, and industrial automation enclosures. Its robust airflow capabilities make the DAZA1225R2L-P008 ideal for dissipating heat from high-TDP components such as CPUs and power supply units, ensuring system stability in continuous operation scenarios like telecommunications racks and precision medical instrumentation.

Supplemental Images


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