DA12025B12L-P502K AVC 12VDC 120x120x25mm PWM Axial Fan Datasheet

Brand: AVC

SKU: 677421727302

Category: Axial & Centrifugal Fans

Price: **$16.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/da12025b12l-p502k-avc-12vdc-120x120x25mm-pwm-axial-fan

Product Description

The AVC DA12025B12L-P502K is a precision-engineered Axial Fan designed to deliver superior thermal management in high-density electronic environments. Utilizing advanced DC motor technology coupled with a robust bearing architecture, this unit ensures minimal friction and extended operational longevity. The aerodynamic blade design is optimized to reduce turbulence while maximizing airflow efficiency, effectively lowering thermal impedance within the system. Its structural rigidity and integrated PWM speed control allow for dynamic cooling adjustments, balancing acoustic performance with critical heat dissipation requirements. This component is ideal for applications demanding reliable continuous operation and precise airflow regulation.

Model Number: DA12025B12L-P502K
Brand: AVC
Product Type: Axial Fan
Rated Voltage: 12 VDC
Rated Current: 0.30 A
Power Input: 3.6 W
Rated Speed: 0 - 2500 RPM ±5%
Bearing Type: Ball Bearing
Max. Air Flow: 89 CFM (151.2 m^3/h / 2.52 m^3/min)
Max. Static Pressure: 6.53 mmH_2O (64 Pa / 0.26 inH_2O)

Noise Level: 30 dBA
Speed Control: 4-Wire PWM Temperature Control
Dimensions: 120 x 120 x 25 mm
Mounting Hole Distance: 105 mm
Weight: 120 g
Termination: Standard 4-Pin Motherboard Connector
Application: Chassis Cooling

The DA12025B12L-P502K is specifically engineered for critical cooling solutions in computer chassis and industrial enclosures where thermal stability is paramount. Its precise PWM control makes the DA12025B12L-P502K an excellent choice for server racks, workstation builds, and custom electronic cabinets that require a balance between high static pressure and low acoustic noise. Additionally, this model serves effectively in telecommunications equipment and automated machinery, ensuring sensitive components remain within safe operating temperature ranges.

Supplemental Images