2B08038B48-P075 AVC 48VDC 80x80x38mm 0.58A Axial Fan Datasheet

Brand: AVC

SKU: 1014573982633

Category: Axial & Centrifugal Fans

Price: **$16.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/2b08038b48-p075-avc-48vdc-80x80x38mm-0-58a-axial-fan

Product Description

The AVC 2B08038B48-P075 is a precision-engineered Axial Fan designed for high-density industrial and server environments requiring optimized thermal impedance management. This unit features a robust DC motor architecture paired with a durable Dual Ball Bearing system, ensuring exceptional longevity and structural rigidity under continuous operation. The aerodynamic blade design maximizes static pressure delivery while maintaining airflow efficiency, making it ideal for overcoming high system resistance. Integrated PWM speed control allows for dynamic thermal regulation, balancing cooling performance with energy consumption. The housing is constructed to meet rigorous flammability standards, ensuring reliability in critical infrastructure.

Model Number: 2B08038B48-P075
Brand: AVC (Asia Vital Components)
Product Type: DC Axial Fan
Rated Voltage: 48VDC
Voltage Range: 36.0 - 56.0 VDC
Rated Current: 0.58 A
Power Input: 27.84 W
Dimensions: 80 x 80 x 38 mm
Bearing Type: Dual Ball Bearing
Termination: 4-Wire Leads

Speed Control: Pulse Width Modulation (PWM)
Frame Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Mounting Orientation: Any
Ingress Protection: IP20
Life Expectancy: 70,000 Hours at 40°C

Designed for critical thermal management, the 2B08038B48-P075 is extensively utilized in high-performance server racks and telecommunications enclosures where backpressure is a significant factor. The 2B08038B48-P075 excels in industrial automation cabinets and precision medical instrumentation, providing reliable airflow to dissipate heat from sensitive electronic components. Its robust design also suits CNC machinery and power supply units requiring consistent forced convection.

Supplemental Images