F6010B12MS AVC 12VDC 0.15A 60x60x10mm Tachometer Axial Fan Datasheet

Brand: AVC

SKU: 926345020334

Category: Axial & Centrifugal Fans

Price: **$15.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/f6010b12ms-avc-12vdc-0-15a-60x60x10mm-tachometer-axial-fan

Product Description

The AVC F6010B12MS is a precision-engineered DC axial fan designed for critical thermal management applications requiring sustained airflow and reliability within a compact footprint. Featuring a robust Dual Ball Bearing architecture, this unit minimizes frictional coefficients to enhance operational longevity and reduce thermal impedance within the motor assembly. The aerodynamic impeller design optimizes static pressure delivery while maintaining structural rigidity under load, ensuring consistent performance. Engineered for continuous duty, the F6010B12MS ensures efficient heat dissipation in compact electronic enclosures, contributing to system stability and component preservation.

Model Number: F6010B12MS
Brand: AVC (Asia Vital Components)
Product Type: DC Axial Fan
Rated Voltage: 12VDC
Voltage Range: 7.0 - 13.2 VDC
Rated Current: 0.15 A
Power Consumption: 1.80 W
Rated Speed: 4200 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 16.5 CFM (28.03 m^3/h / 0.46 m^3/min)
Max. Static Pressure: 2.80 mmH_2O (27.46 Pa / 0.11 inH_2O)
Dimensions: 60x60x10mm
Noise Level: 29.0 dBA
Termination: 3-Wire Lead
Signal Output: Tachometer (Frequency Generator)
Housing 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
Life Expectancy: 50,000 Hours @ 40°C
Mounting Orientation: Any

The F6010B12MS is specifically calibrated for integration into compact electronic assemblies where vertical space is restricted, such as 1U server racks, small form factor (SFF) computers, and network appliances. Its slim profile allows the F6010B12MS to provide essential airflow in tight chassis environments, effectively cooling chipsets, power supply units, and embedded industrial controllers without compromising spatial efficiency.