BP1202548M Bi-Sonic 48VDC 120x120x25mm Axial Fan Datasheet

Brand: Bi-Sonic

SKU: 955187349218

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/bp1202548m-bi-sonic-48vdc-120x120x25mm-axial-fan

Product Description

The Bi-Sonic BP1202548M is a precision-engineered DC axial fan designed for critical thermal management in industrial environments. Utilizing advanced motor technology and a durable bearing architecture, this unit ensures optimal airflow efficiency while maintaining structural rigidity under continuous operation. The aerodynamic blade design minimizes turbulence, resulting in a favorable acoustic profile and reduced thermal impedance within high-density enclosures. Constructed with robust housing materials, the BP1202548M delivers reliable performance, making it an essential component for maintaining system stability in demanding electronic applications where heat dissipation is paramount.

Model Number: BP1202548M
Brand: Bi-Sonic
Product Type: DC Axial Fan
Rated Voltage: 48VDC
Voltage Range: 28.0 - 56.0 VDC
Rated Current: 0.13 A
Power Input: 6.24 W
Rated Speed: 2400 RPM
Bearing Type: Ball Bearing
Max. Air Flow: 78.0 CFM (132.5 m^3/h / 2.21 m^3/min)

Max. Static Pressure: 4.57 mmH_2O (44.8 Pa / 0.18 inH_2O)
Dimensions: 120x120x25mm
Noise Level: 39.0 dBA
Frame Material: Thermoplastic PBT (UL94V-0)
Impeller Material: Thermoplastic PBT (UL94V-0)
Life Expectancy: 50,000 Hours at 40°C
Operating Temperature: -10°C ~ +70°C
Storage Temperature: -40°C ~ +70°C
Termination: 2 Lead Wires
Mounting Orientation: Any
Ingress Protection: IP20

Designed for versatility, the BP1202548M is frequently integrated into industrial automation systems, server racks, and telecommunications equipment requiring consistent thermal regulation. Its robust design allows the BP1202548M to operate effectively in power supply units and CNC machinery, ensuring sensitive components remain within safe operating temperature ranges to prevent thermal throttling or hardware failure.

Supplemental Images