MF30P-12A SEPA 12VDC 30x30x10mm 3-Wire Cooling Fan Datasheet

Brand: SEPA

SKU: 896851847440

Category: Axial & Centrifugal Fans

Price: **$11.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/mf30p-12a-sepa-12vdc-30x30x10mm-3-wire-cooling-fan

Product Description

The SEPA MF30P-12A is a Micro Axial Fan engineered for precision thermal management in compact electronic assemblies. Utilizing advanced DC motor technology and a streamlined aerodynamic blade design, this unit optimizes airflow while minimizing structural vibration and noise generation. The device features a robust bearing architecture designed to maintain low thermal impedance over extended operational periods, making it an ideal solution for high-density circuitry requiring reliable heat dissipation. Its compact form factor ensures seamless integration into space-constrained enclosures without compromising cooling efficiency or structural rigidity.

Model Number: MF30P-12A
Brand: SEPA
Product Type: Micro Axial Fan
Rated Voltage: 12VDC
Operating Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.06 A
Power Consumption: 0.72 W
Rated Speed: 8500 RPM (Nominal)
Max. Air Flow: 3.2 CFM (5.4 m^3/h)
Max. Static Pressure: 2.8 mmH_2O (27.4 Pa)
Dimensions: 30 x 30 x 10 mm

Termination: 3-Wire Leads
Signal Output: Tachometer (FG)
Bearing Type: Precision Sleeve / Hypro
Noise Level: 23 dBA
Housing Material: PBT (UL94V-0)
Blade Material: PBT (UL94V-0)
Operating Temperature: -10°C to +60°C
Mounting Orientation: Any
Weight: 8 g

The MF30P-12A is specifically designed for applications where space is at a premium but thermal reliability cannot be compromised. Common deployment scenarios include chipset cooling in embedded systems, ventilation for handheld medical devices, and thermal regulation in compact DVR or NVR security units. The MF30P-12A ensures critical components remain within safe operating temperatures, preventing thermal throttling in dense server blades and small-form-factor industrial controllers. Its 3-wire configuration allows for active speed monitoring, adding a layer of safety for mission-critical hardware integration.

Supplemental Images