

MF40J-12 SEPA 12VDC 40x40x10mm MagLev Bearing Axial Fan Datasheet



Brand: SEPA

SKU: [846493481613](#)

Category: Axial & Centrifugal Fans

Price: **\$9.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/mf40j-12-sepa-12vdc-40x40x10mm-maglev-bearing-axial-fan>

Product Description

The SEPA MF40J-12 is a precision-engineered DC Axial Fan designed for applications requiring minimal acoustic resonance and high reliability. Utilizing advanced Magnetic Levitation (MagLev) bearing architecture, this unit eliminates physical contact friction, significantly extending operational lifespan while maintaining low thermal impedance. The aerodynamic blade geometry is optimized for efficient airflow delivery within a compact form factor, ensuring structural rigidity and consistent cooling performance under continuous operation. This specific model features a low-current draw profile, making it ideal for energy-sensitive circuits.

Model Number: MF40J-12

Brand: SEPA

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Rated Current: 0.05 A

Power Consumption: 0.60 W

Bearing Type: Magnetic Levitation (MagLev)

Dimensions: 40x40x10mm

Termination: 3-Pin Motherboard Connector

Wire Count: 3-Wire

Speed Control: Tachometer Output (RPM Signal)

Acoustic Profile: Ultra-Low Noise / Silent

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Mounting Orientation: Any

Application Class: Electronic Component Cooling

The MF40J-12 is engineered for integration into sensitive electronic environments where acoustic suppression is critical, such as home theater PCs, compact media servers, and precision medical instrumentation. Its compact footprint allows the MF40J-12 to fit seamlessly into tight enclosures found in network switches and chipset cooling solutions, providing reliable thermal management without introducing vibration or audible distraction.

Supplemental Images

