

MF30E-12 SEPA 12VDC 30x30x6mm Silent DC Cooling Fan Datasheet



Brand: SEPA

SKU: [805755533405](#)

Category: Axial & Centrifugal Fans

Price: **\$10.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/mf30e-12-sepa-12vdc-30x30x6mm-silent-dc-cooling-fan>

Product Description

The SEPA MF30E-12 is a precision-engineered DC Axial Fan designed to deliver efficient thermal management in highly constrained electronic environments. Utilizing advanced motor technology, this unit balances aerodynamic performance with acoustic discretion, making it ideal for noise-sensitive applications. The fan features a robust thermoplastic frame that provides structural rigidity, minimizing vibration-induced noise and ensuring long-term reliability. Its blade geometry is optimized to maximize airflow within a micro-form factor, effectively reducing thermal impedance for critical semiconductor components and ensuring stable operation under continuous duty cycles.

Model Number: MF30E-12

Brand: SEPA

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Rated Current: 0.05 A

Power Consumption: 0.60 W

Dimensions: 30 x 30 x 6 mm

Bearing Type: Sleeve Bearing

Termination: 2-Wire Lead

Noise Level: Ultra-Quiet

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Mounting Orientation: Any

Cooling Method: Active Air Cooling

The MF30E-12 is specifically tailored for integration into compact electronic devices requiring active cooling without the bulk of standard fans. Primary applications include chipset cooling in embedded systems, internal ventilation for DVR/NVR security units, and thermal regulation in handheld medical devices. The slim 6mm profile of the MF30E-12 allows for seamless installation in tight enclosures, preventing thermal throttling in processors and power regulators.

Supplemental Images

