MC25060V1-000U-A99 SUNON 5VDC 0.58W 25x25x6mm DC Axial Fan Datasheet

Brand: SUNON

SKU: 1027159391656

Category: Axial & Centrifugal Fans

Price: **$14.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/mc25060v1-000u-a99-sunon-5vdc-0-58w-25x25x6mm-dc-axial-fan

Product Description

SUNON MC25060V1-000U-A99 is a compact 25 x 25 x 6 mm DC axial fan operating at a nominal 5 VDC and 0.58 W, engineered to deliver a precise airflow of 3.0 CFM and a static pressure of 0.22 in-H2O. Constructed with a durable thermoplastic housing and impeller, this unit integrates a proprietary Vapo-Bearing system driven by a Dust-Resistant (DR) MagLev motor to eliminate friction and ensure stable 360 degree rotation. The fan operates at a high-speed 13000 RPM while maintaining a low acoustic profile of 31.0 dBA, utilizing a standard two-wire lead (28 AWG) interface with auto-restart functionality for continuous, reliable thermal management.

MC25060V1-000U-A99 Specifications
Model Number: MC25060V1-000U-A99
Brand: SUNON
Product Category: DC Axial Fan
Nominal Voltage: 5 VDC
Power Consumption: 0.58 W
Current Rating: 115 mA
Physical Dimensions: 25 x 25 x 6 mm
Airflow: 3.0 CFM
Static Pressure: 0.22 in-H2O
Rotational Speed: 13000 RPM

Acoustic Noise: 31.0 dBA
Bearing Type: Vapo-Bearing
Motor Technology: MagLev (Magnetic Levitation)
Termination: Two-Wire Leads (28 AWG)
Housing Material: Thermoplastic
Impeller Material: Thermoplastic
Weight: 5.0 g
Protection Feature: Auto Restart
Compliance: RoHS, Lead-Free

MC25060V1-000U-A99 Applications

Primary applications include integration into compact industrial electronics, embedded computing systems, and small-scale telecommunications hardware requiring localized thermal management. Deployed within automated diagnostic equipment, miniature power supplies, and high-density PCB enclosures, the fan provides targeted cooling to prevent thermal throttling in space-constrained microprocessors and sensor arrays.

Supplemental Images