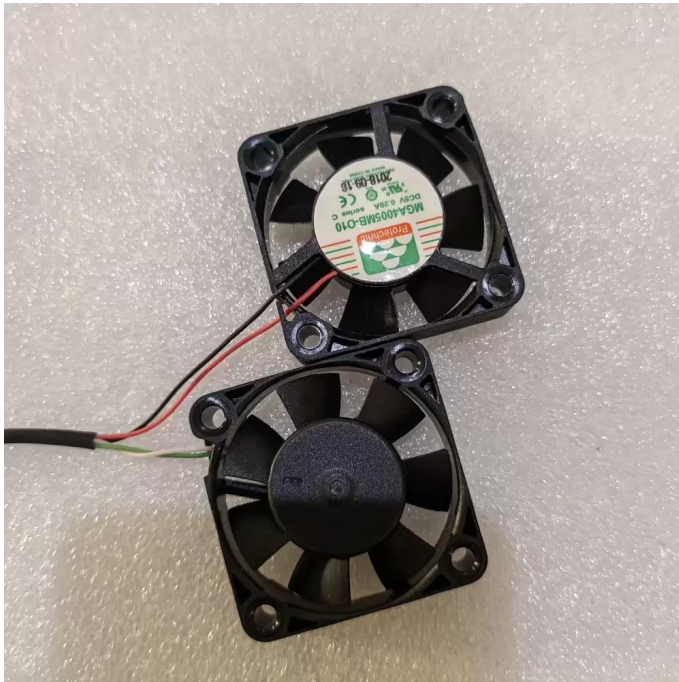


MGA4005MB-O10 MAGIC 5VDC 40x40x10mm 0.20A Axial Fan Datasheet



Brand: Protechnic

SKU: 805376445893

Category: Axial & Centrifugal Fans

Price: \$14.99

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/mga4005mb-o10-magic-5vdc-40x40x10mm-0-20a-axial-fan>

Product Description

The MAGIC MGA4005MB-O10 is a high-efficiency Axial Fan engineered for precision thermal management in compact power electronics. Utilizing a durable dual ball bearing architecture, this unit provides superior structural rigidity and longevity compared to sleeve bearing alternatives, making it ideal for continuous duty cycles. The aerodynamic impeller design is optimized to deliver consistent airflow while minimizing thermal impedance within restricted enclosures. Capable of operating efficiently at 5VDC, it ensures critical heat dissipation for sensitive components, maintaining system stability under thermal load.

Model Number: MGA4005MB-O10

Brand: MAGIC

Product Type: DC Axial Fan

Rated Voltage: 5 VDC

Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.20 A

Input Power: 1.00 W

Rated Speed: 6000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 6.8 CFM (11.55 m³/h / 0.19 m³/min)

Max. Static Pressure: 3.5 mmH₂O (34.3 Pa / 0.14 inH₂O)

Dimensions: 40 x 40 x 10 mm

Noise Level: 28.5 dB(A)

Frame Material: PBT Thermoplastic (UL94V-0)

Blade Material: PBT Thermoplastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Termination: Lead Wires

Mounting Orientation: Any

The MGA4005MB-O10 is specifically designed for integration into power conversion systems, such as compact inverters and portable power supplies, where efficient heat extraction is vital. Its 10mm low-profile frame allows for seamless installation in tight spaces found in industrial instrumentation and embedded telecom devices. Furthermore, the MGA4005MB-O10 is an excellent choice for replacement in legacy electronics requiring a robust 5V cooling solution with a high mean time between failures (MTBF).

Supplemental Images

