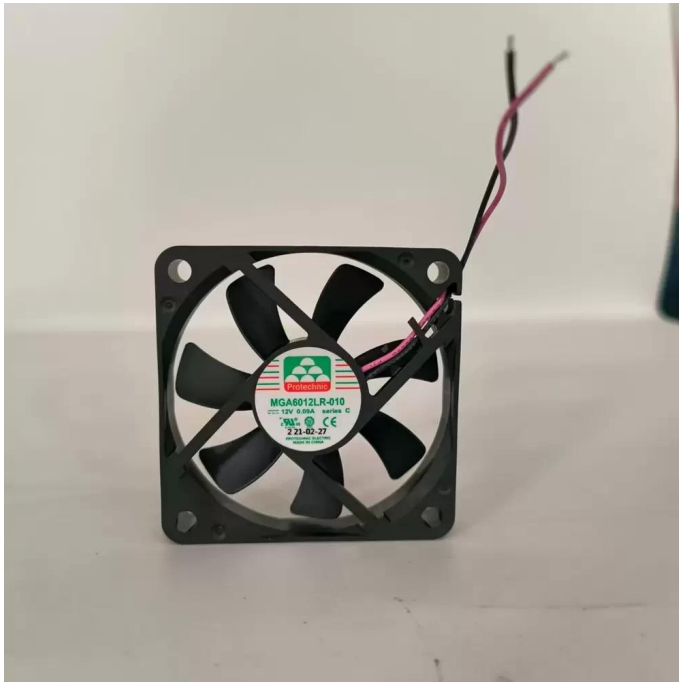


MGA6012LR-O10C Protechnic 12VDC 60x60x10mm DC Axial Fan Datasheet



Brand: Protechnic

SKU: 1050084976384

Category: Axial & Centrifugal Fans

Price: \$21.07

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/mga6012lr-o10c-protechnic-12vdc-60x60x10mm-dc-axial-fan>

Product Description

Protechnic MGA6012LR-O10C is a 60 x 60 x 10 mm, 12 VDC, 11.75 CFM DC axial fan engineered with a PBT UL94V-0 plastic frame and impeller. This unit utilizes a rifle bearing mechanism to ensure a 40,000-hour operational lifespan at temperatures ranging from -10 °C to 70 °C. The hardware interfaces via a standard 2-wire lead configuration and integrates internal circuitry for automatic restart, locked rotor, and reverse polarity protection.

MGA6012LR-O10C Specifications

Model Number: MGA6012LR-O10C

Brand: Protechnic (Yongli)

Product Category: DC Axial Cooling Fan

Dimensions: 60 x 60 x 10 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 7.0 VDC to 13.8 VDC

Input Current: 0.09 A

Input Power: 1.08 W

Rated Speed: 3000 RPM

Maximum Airflow: 11.75 CFM (0.3327 CMM)

Static Pressure: 1.37 mmAq (0.054 inchAq)

Noise Level: 18.0 dBA

Bearing System: Rifle Bearing

Frame Material: Plastic (PBT UL94V-0)

Impeller Material: Plastic (PBT UL94V-0)

Termination: 2-Wire Leads (Red +, Black -)

Wire Length: 300 mm

Weight: 30 g

Operating Temperature: -10 °C to 70 °C

Expected Life (L10): 40,000 hours

Motor Protection: Auto-Restart, Locked Rotor, Reverse Polarity

Safety Approvals: UL, TUV, CE

MGA6012LR-O10C Applications

Primary applications include integration into industrial power supplies, compact chassis enclosures, and automated control panels requiring active thermal management. Deployed within telecommunications equipment, CNC machinery control boxes, and specialized electronic instrumentation where space-constrained cooling is mandatory.

Supplemental Images

