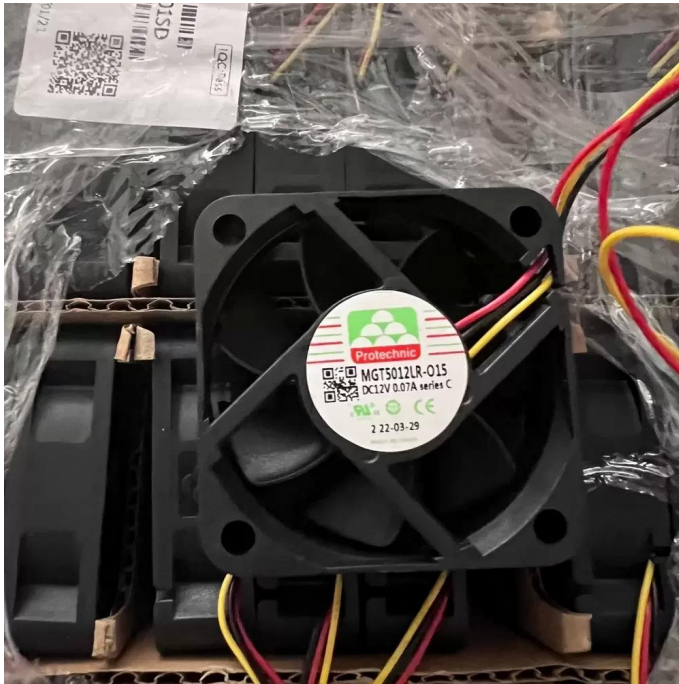


MGT5012LR-O15 Magic 12VDC 50x50x15mm Silent Axial Fan Datasheet



Brand: Protechnic

SKU: [793875805031](#)

Category: Axial & Centrifugal Fans

Price: **\$4.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/mgt5012lr-o15-magic-12vdc-50x50x15mm-silent-axial-fan>

Product Description

The Magic MGT5012LR-O15 is a compact Axial Fan engineered for applications requiring minimal acoustic resonance and reliable thermal exchange. Utilizing a precision-wound DC brushless motor, this unit optimizes airflow efficiency while maintaining a low thermal impedance profile. The 50mm frame is constructed from reinforced thermoplastic, ensuring structural rigidity under continuous operation. Designed with a focus on silent performance, the aerodynamic blade geometry reduces turbulence-induced noise, making it suitable for noise-sensitive electronic environments.

Model Number: MGT5012LR-O15

Brand: Magic (Magic Motor)

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.07 A

Power: 0.84 W

Rated Speed: 3500 RPM

Bearing Type: Sleeve / Rifle Bearing

Max. Air Flow: 9.5 CFM (16.1 m³/h)

Max. Static Pressure: 2.1 mmH₂O (20.6 Pa)

Dimensions: 50 x 50 x 15 mm

Noise Level: 22 dBA

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Termination: 2-Wire Lead

Operating Temperature: -10 to +70 °C

Life Expectancy: 30,000 Hours

Mounting Orientation: Any

The MGT5012LR-015 is specifically calibrated for integration into compact electronic assemblies where space constraints and noise reduction are paramount. Common deployment scenarios include small form-factor power supplies, DVR/NVR cooling systems, and network appliance ventilation. The MGT5012LR-015 ensures consistent airflow to prevent thermal throttling in sensitive components like chipsets and voltage regulators, maintaining system stability in commercial and industrial environments.

Supplemental Images

