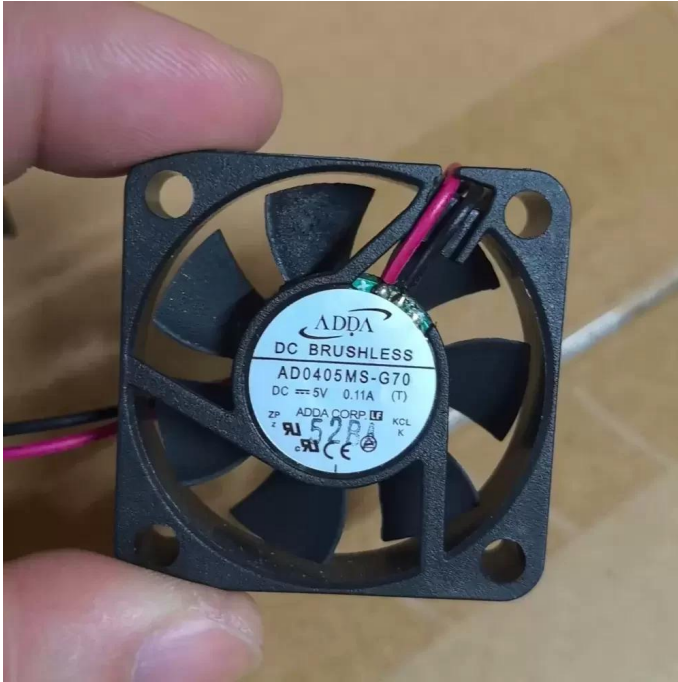


AD0405MS-G70 ADDA 5VDC 40mm Silent Axial Fan Datasheet



Brand: ADDA

SKU: [985948623344](#)

Category: Axial & Centrifugal Fans

Price: **\$3.99**

E-mail: sales@equipspares.com

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

Product Page: <https://www.equipspares.com/product/ad0405ms-g70-adda-5vdc-40mm-silent-axial-fan>

Product Description

The ADDA AD0405MS-G70 is a compact DC axial fan engineered for precision thermal management in space-constrained electronic assemblies. Utilizing a highly efficient DC brushless motor architecture, this unit delivers consistent airflow while maintaining a low acoustic profile, making it ideal for noise-sensitive environments. The structural integrity is reinforced by a durable thermoplastic frame (PBT), designed to withstand thermal cycling and mechanical vibration. Its sleeve bearing system ensures reliable rotational stability and cost-effective performance, optimizing the thermal impedance of the target system. The aerodynamic blade geometry is specifically calibrated to maximize static pressure delivery relative to its compact footprint, ensuring adequate cooling for dense component layouts.

Model Number: AD0405MS-G70

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 5VDC

Operating Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.11 A

Input Power: 0.55 W

Rated Speed: 4200 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 4.8 CFM (8.15 m³/h / 0.13 m³/min)

Max. Static Pressure: 2.24 mmH₂O (21.9 Pa / 0.09 inH₂O)

Dimensions: 40 x 40 x 10 mm

Noise Level: 21.0 dB(A)

Frame Material: PBT Thermoplastic (UL94V-0)

Blade Material: PBT Thermoplastic (UL94V-0)

Termination: 2-Wire Leads

Wire Gauge: 26 AWG

Motor Type: Brushless DC

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Weight: 17 g

Life Expectancy: 30,000 Hours (at 40°C)

Safety Certifications: UL, CUL, TUV, CE

The AD0405MS-G70 is specifically designed for integration into compact electronic enclosures where efficient heat dissipation is critical. Common applications include cooling chipsets in embedded systems, small form-factor power supplies, and network interface cards. The AD0405MS-G70 is also frequently utilized in portable medical instrumentation and handheld diagnostic devices, where its low power consumption and quiet operation are paramount. Additionally, this model serves as an effective active cooling solution for DVR systems and compact projectors requiring reliable airflow without significant acoustic intrusion.

Supplemental Images

