

LF40T05P SEPA 5VDC 40x40x10mm Silent Axial Fan Datasheet



Brand: SEPA

SKU: [758766481807](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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

Product Page: <https://www.equipspares.com/product/lf40t05p-sepa-5vdc-40x40x10mm-silent-axial-fan>

Product Description

The SEPA LF40T05P is a precision-engineered Axial Fan designed for compact electronic assemblies requiring efficient thermal management and acoustic discretion. Utilizing SEPA's advanced bearing technology, typically the Hypro system, this unit ensures reduced friction coefficients and extended operational service life compared to standard sleeve bearings. The aerodynamic impeller geometry is optimized for low-voltage 5VDC operation, delivering consistent airflow while minimizing acoustic resonance and vibration. Its structural rigidity and ultra-low power consumption of 0.35W make it an ideal solution for sensitive instrumentation where thermal impedance must be minimized without introducing significant electromagnetic interference or mechanical noise.

Model Number: LF40T05P

Brand: SEPA

Product Type: Axial Fan

Rated Voltage: 5VDC

Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.07 A

Power Input: 0.35 W

Rated Speed: 4200 RPM

Bearing Type: Hypro Bearing

Max. Air Flow: 4.20 CFM (7.13 m³/h / 0.12 m³/min)

Max. Static Pressure: 2.50 mmH₂O (24.52 Pa / 0.10 inH₂O)

Dimensions: 40x40x10mm

Weight: 15 g

Life Expectancy: 40,000 Hours at 40°C

Noise Level: 21.0 dB(A)

Termination: 4-Wire / 4-Pin Connector

Speed Control: PWM / Tachometer Signal

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Operating Temperature: -10°C to +60°C

Storage Temperature: -30°C to +70°C

Insulation Resistance: 10M Ohm at 500VDC

Dielectric Strength: 500VAC for 1 min

Mounting Orientation: Any

The LF40T05P is specifically engineered for high-density electronic environments such as surveillance monitoring systems, DVRs, and compact embedded computing units where space is at a premium. Its low-noise profile makes the LF40T05P particularly suitable for audio-visual equipment and medical instrumentation where acoustic silence is paramount. Additionally, this model serves effectively in chipset cooling and small-scale power supply ventilation, ensuring component longevity in restricted spaces.

Supplemental Images

