

HY40H-05A SEPA 5VDC 40x40x5mm Ultra-Thin Blower Fan Datasheet



Brand: SEPA

SKU: [1002730873489](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

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Product Page:

<https://www.equipspares.com/product/hy40h-05a-sepa-5vdc-40x40x5mm-ultra-thin-blower-fan>

Product Description

The SEPA HY40H-05A is a DC Brushless Blower engineered for ultra-compact thermal management solutions where vertical clearance is critically limited. Featuring a slim 5mm profile, this centrifugal fan utilizes SEPA's proprietary bearing technology to minimize friction and acoustic resonance while maintaining structural rigidity under thermal load. The aerodynamic impeller design optimizes static pressure generation, making it ideal for overcoming high thermal impedance in restricted enclosures such as ultrabooks and portable electronics.

Model Number: HY40H-05A

Brand: SEPA

Product Type: DC Centrifugal Blower

Rated Voltage: 5VDC

Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.14 A

Power Consumption: 0.70 W

Dimensions: 40x40x5mm

Bearing Type: Hypro Bearing

Termination: 4-Wire (PWM/Tachometer)

Connector: 4-Pin Micro

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Mounting: Flange Mount

Application: Notebook/Laptop Cooling

The HY40H-05A is specifically designed for integration into ultra-thin electronic devices requiring active cooling within confined geometries. Common deployment scenarios include high-performance ultrabooks, portable media players, and compact projection units where the HY40H-05A ensures efficient heat dissipation from processors and chipsets. Its low profile also makes it suitable for VR headsets and handheld instrumentation.

Supplemental Images

