

HY45Q-05A-807 SEPA 5VDC 45x45x6mm PWM Centrifugal Blower Datasheet



Brand: SEPA

SKU: [695531816173](#)

Category: Axial & Centrifugal Fans

Price: **\$9.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/hy45q-05a-807-sepa-5vdc-45x45x6mm-pwm-centrifugal-blower>

Product Description

The SEPA HY45Q-05A-807 is a Centrifugal Blower engineered for high-density electronic environments requiring efficient thermal dissipation within a compact footprint. Utilizing advanced DC brushless motor technology, this unit delivers consistent airflow while maintaining a low acoustic profile, essential for consumer electronics like laptops. The aerodynamic design of the impeller optimizes static pressure generation, overcoming high thermal impedance in restricted enclosures. Its ultra-thin 6mm structural rigidity ensures durability without compromising internal component spacing, making it a critical component for precision thermal management systems.

Model Number: HY45Q-05A-807

Brand: SEPA

Product Type: Centrifugal Blower

Rated Voltage: 5VDC

Rated Current: 0.19 A

Power Input: 0.95 W

Dimensions: 45 x 45 x 6 mm

Bearing Type: Hypro Bearing

Speed Control: PWM (Pulse Width Modulation)

Noise Level: Ultra-quiet

Housing Material: Thermoplastic UL94V-0

Impeller Material: Thermoplastic UL94V-0

Mounting Style: Flange Mount

Termination: Lead Wires

Application: Laptop/Notebook Cooling

Features: Ultra-thin Profile, High Static Pressure

Designed primarily for mobile computing solutions, the HY45Q-05A-807 excels in cooling high-performance laptops and ultrabooks where vertical space is at a premium. The blower's form factor allows for seamless integration into slim chassis designs, effectively channeling heat away from processors and GPUs. Beyond consumer electronics, the HY45Q-05A-807 is suitable for compact projectors, handheld medical devices, and portable instrumentation requiring active cooling. Its PWM capability ensures that the HY45Q-05A-807 adapts its speed dynamically to thermal loads, preserving battery life in portable applications.

Supplemental Images

