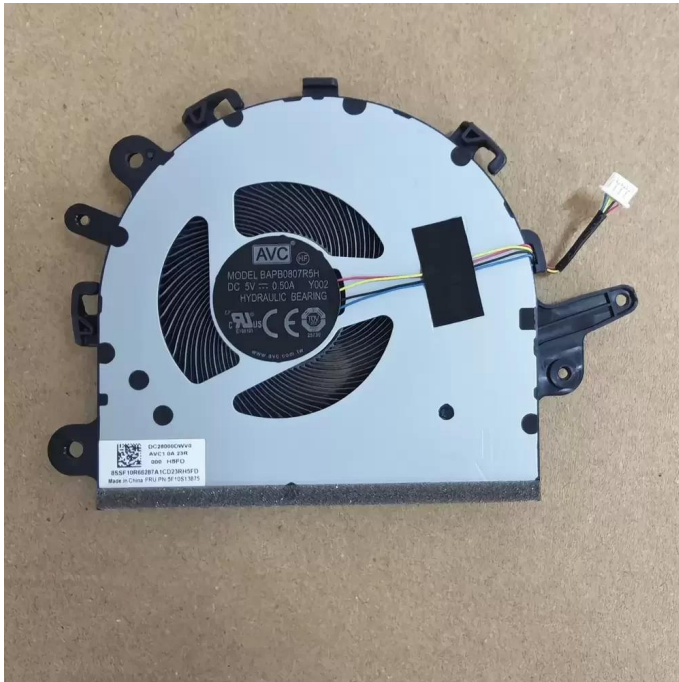


BAPB0807R5H-Y002 AVC 5VDC 0.50A 60mm CPU Cooling Fan Datasheet



Brand: AVC

SKU: [1035622363946](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/bapb0807r5h-y002-avc-5vdc-0-50a-60mm-cpu-cooling-fan>

Product Description

The AVC BAPB0807R5H-Y002 is a 60 mm x 60 mm x 6 mm centrifugal cooling module operating at a nominal 5 VDC and 0.50 A, delivering variable airflow via a 4-wire PWM interface. Constructed with a lightweight polymer housing and a high-efficiency impeller, this thermal management unit utilizes a hydro-dynamic (hydraulic) bearing system to ensure low-friction rotation and an extended mean time between failures (MTBF) of approximately 100,000 hours. The internal motor architecture supports dynamic speed regulation up to 2,500 RPM, optimizing the balance between thermal dissipation and acoustic output.

BAPB0807R5H-Y002 Specifications

Model Number: BAPB0807R5H-Y002

Brand: AVC (Asia Vital Components)

Product Category: CPU Cooling Fan

Nominal Voltage: 5 VDC

Nominal Current: 0.50 A

Power Consumption: 2.5 W

Dimensions: 60 mm x 60 mm x 6 mm

Bearing Type: Hydraulic (Hydro-Dynamic)

Rotational Speed: 2,500 RPM (PWM Auto-Controlled)

Interface: 4-Wire, 4-Pin PWM Connector

MTBF: 100,000 hours

Weight: 127 g

Acoustic Profile: Low Noise

Compatible Part Numbers: 5F10S13875, DC28000DWV0, DFS5M325063B1P

BAPB0807R5H-Y002 Applications

Primary applications include integration into compact mobile computing architectures, specifically ultra-thin notebook motherboards and high-density laptop chassis. Deployed within active thermal management systems for mobile processors, this blower fan directly exhausts heat from localized CPU and GPU heat pipe arrays.

Supplemental Images

