

AB05005HX06K300 Delta 5V DC Blower Fan

SKU: AB05005HX06K300

Price: \$9.99

Categories: Fans

Tags: ADDA

Product Link:

<https://www.elecspares.com/product/ab05005hx06k300-delta-5v-dc-blower-fan/>

Product Description

The Delta AB05005HX06K300 is a high-performance DC Blower Fan (Turbine/Radial Fan) with measuring dimensions of 51 x 50 x 6 mm. It operates on a 5 VDC nominal voltage and features a high rated current of 0.40 A, resulting in 2.0 W of input power. This high-speed model achieves a high estimated speed of 13,000 RPM, delivering a significant estimated maximum static pressure of 75.0 Pa (0.30 inAq). The fan is built with a reliable Ball Bearing system and is typically configured with a 3-Wire termination, including a Tachometer signal for precise speed monitoring. This ultra-slim blower is optimally suited for precise spot cooling or exhausting hot air in densely packed, extremely thin devices like blade servers, industrial tablets, handheld measurement devices, and specialized high-performance computing modules where high pressure and reliability are critical.

AB05005HX06K300 Fan Parameters

Model: AB05005HX06K300

Manufacturer: Delta Electronics

Type: DC Blower Fan (Radial/Turbine)

Dimensions: 51 x 50 x 6 mm

Rated Voltage: 5 VDC

Operating Voltage Range: 4.5 to 5.5 VDC

Rated Current: 0.40 A

Rated Input Power: 2.0 W

Estimated Fan Speed: 13000 RPM

Estimated Max. Airflow: 1.19 m³/h (0.7 CFM)

Estimated Max. Static Pressure: 75.0 Pa (0.30 inAq)

Estimated Noise Level: 36.0 dB(A)

Bearing Type: Ball Bearing

Expected Life: 50,000 h at 40 °C (L10, Typical)

Termination: 3-Wire (Power, Ground, Tachometer)

Special Feature: Tachometer Output

Protection: Locked Rotor Protection, Polarity Protection

Mass: 18 g (Estimated)

Frame Material: Plastic (PBT)

Safety Approvals: UL, CUL, TUV, CE

Application

This high-power, micro-blower fan is engineered for the most demanding thermal requirements in extremely confined spaces. It is essential for effectively forcing air through tightly packed heat sinks, providing high-pressure ventilation in miniaturized networking gear, and cooling custom high-wattage computing modules or chipsets in slim form-factor electronics and portable devices.

Product Images



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