

PVB070E12H-P01-06 Foxconn 12VDC 0.95A 70mm Blower Fan Datasheet



Brand: Foxconn

SKU: [739010165889](#)

Category: Axial & Centrifugal Fans

Price: **\$13.99**

E-mail: sales@equipspares.com

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Product Description

The Foxconn PVB070E12H-P01-06 is a precision-engineered Centrifugal Blower designed for high-static pressure applications within constrained enclosures. Utilizing advanced DC brushless motor technology, this unit delivers exceptional airflow efficiency while maintaining optimal thermal impedance management. The rotor assembly is balanced to minimize vibration, ensuring structural rigidity during high-RPM operation driven by its robust 0.95A power profile. Engineered with a specialized impeller geometry, it maximizes air compression for effective heat dissipation in dense electronic environments. The 4-wire interface supports precise Pulse Width Modulation (PWM) speed regulation, allowing for dynamic acoustic and thermal performance tuning essential for sensitive hardware integration.

Model Number: PVB070E12H-P01-06

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Product Type: Centrifugal Blower Fan

Rated Voltage: 12 VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.95 A

Power Consumption: 11.4 W

Rated Speed: 5500 RPM (Nominal)

Bearing Type: Precision Ball Bearing

Max. Air Flow: 32.5 CFM (55.2 m³/h / 0.92 m³/min)
Max. Static Pressure: 28.5 mmH₂O (279.5 Pa / 1.12 inH₂O)
Dimensions: 70mm x 70mm x 25mm
Weight: 95 g
Life Expectancy: 50,000 Hours at 40°C
Speed Control: PWM (Pulse Width Modulation)
Termination: 4-Wire Lead with Connector
Housing Material: PBT (UL94V-0)
Blade Material: PBT (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP44
Insulation Class: Class A
Safety Certifications: CE, UL, TUV
Mounting Orientation: Any

This high-performance blower is specifically calibrated for thermal regulation in All-in-One (AIO) computing systems and high-lumen projectors where static pressure is paramount. The PVB070E12H-P01-06 excels in forcing air through dense heatsink fins found in compact chassis designs. Integrators frequently deploy the PVB070E12H-P01-06 within server rack spot cooling solutions and industrial automation equipment requiring reliable, high-velocity air discharge to prevent component throttling.

Supplemental Images

