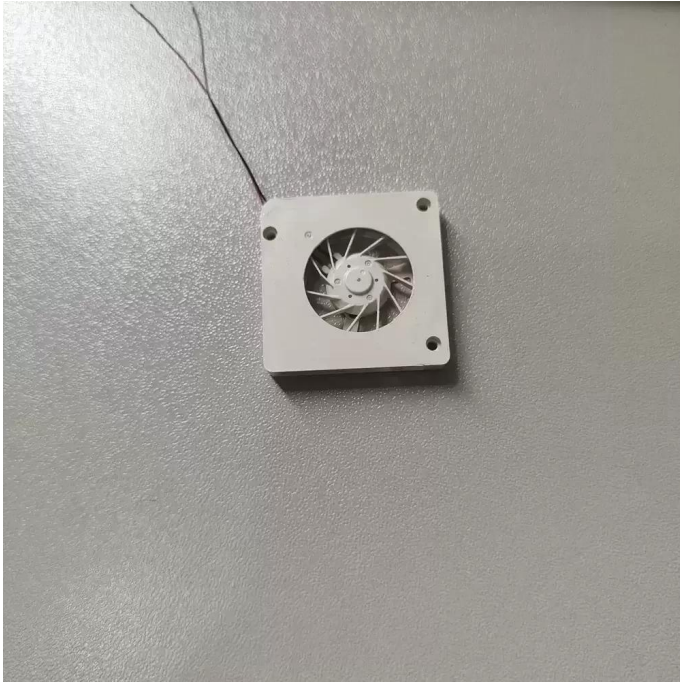


UB5U4-702 Sunon 5VDC 30x30x5mm Double Ball Blower Fan Datasheet



Brand: SUNON

SKU: [967351465595](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/ub5u4-702-sunon-5vdc-30x30x5mm-double-ball-blower-fan>

Product Description

The Sunon UB5U4-702 is a precision-engineered DC Micro Blower designed for compact thermal management in space-constrained electronic assemblies. Part of the Innosparks series, this unit leverages advanced DC brushless motor technology paired with a robust double bearing architecture to ensure operational stability and extended service life. The aerodynamic design of the impeller maximizes static pressure generation within the miniature 30mm frame, overcoming high thermal impedance in dense circuitry. Featuring a specialized white housing and structural rigidity suitable for portable devices, the UB5U4-702 delivers consistent airflow performance while maintaining a low acoustic profile.

Model Number: UB5U4-702

Brand: Sunon (Innosparks)

Product Type: DC Micro Blower

Rated Voltage: 5VDC

Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.08 A (Typical)

Power: 0.40 W

Rated Speed: 9500 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 0.63 CFM (1.07 m³/h / 0.017 m³/min)

Max. Static Pressure: 0.35 inH₂O (8.89 mmH₂O / 87.2 Pa)

Dimensions: 30x30x5mm

Weight: 2.5 g

Life Expectancy: 50,000 Hours @ 40°C

Noise Level: 39.0 dB(A)

Housing Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Termination: 2-Wire (Red/Black) Leads

Connector Type: Stripped Leads (15x1 Pitch Compatible)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Mounting Orientation: Any

Ingress Protection: IP5X (Dust Protected)

Motor Protection: Impedance Protected

Color: White

The UB5U4-702 is specifically engineered for integration into miniature electronic devices requiring active cooling without significant bulk. Common applications include cooling sensors in handheld medical devices, VR/AR headsets, portable air quality monitors, and compact facial recognition modules. Its high static pressure capability makes it ideal for directing airflow through restrictive heatsinks in small form factor computing sticks and mobile projectors. The robust double bearing system ensures reliability in mobile applications where the device orientation may change frequently.

Supplemental Images

