

EE92251S2-D130-C99 SUNON 12VDC 92x92x25mm Axial Fan Datasheet



Brand: SUNON

SKU: 987594738159

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/ee92251s2-d130-c99-sunon-12vdc-92x92x25mm-axial-fan>

Product Description

The SUNON EE92251S2-D130-C99 is a precision-engineered DC Axial Fan designed for optimal thermal management in compact electronic enclosures. Utilizing a robust Sleeve Bearing architecture, this unit ensures consistent rotational stability and reduced friction coefficients during operation. The aerodynamic impeller design maximizes airflow efficiency while maintaining a low noise profile, making it suitable for noise-sensitive industrial applications. With a rated voltage of 12VDC and power consumption of 1.6W, it delivers a balanced performance-to-efficiency ratio, effectively mitigating thermal impedance in high-density component layouts. The structural rigidity of the thermoplastic frame ensures durability under continuous duty cycles.

Model Number: EE92251S2-D130-C99

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Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 4.5 - 13.8 VDC

Power: 1.60 W

Rated Current: 0.133 A

Rated Speed: 2900 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 51.5 CFM (87.5 m³/h / 1.46 m³/min)

Max. Static Pressure: 0.14 inH₂O (34.8 Pa)

Dimensions: 92 x 92 x 25 mm

Weight: 94.0 g

Noise Level: 34.0 dB(A)

Frame Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: 2-Wire Leads (Red/Black)

Ingress Protection: N/A

Life Expectancy: 35,000 Hours at 40°C

Safety Certifications: UL, CUR, TUV

Motor Protection: Impedance Protected

This cooling solution is engineered for integration into diverse industrial and commercial environments requiring reliable heat dissipation. The EE92251S2-D130-C99 is frequently utilized in server rack ventilation systems, ensuring critical uptime for data processing units. Additionally, the EE92251S2-D130-C99 serves as a primary cooling component in medical instrumentation and telecommunications power supplies, where maintaining specific thermal envelopes is mandatory for component longevity and safety.

Supplemental Images

