

EE92251S3-D020-C99 SUNON 12VDC 1.26W 92x92x25mm Axial Fan Datasheet



Brand: SUNON

SKU: [657590648081](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

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

Product Page:

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Product Description

The SUNON EE92251S3-D020-C99 is a precision-engineered DC axial fan measuring 92 x 92 x 25 mm, operating at a nominal 12 VDC with a power consumption of 1.26 W. This hardware component utilizes a hydraulic bearing system to facilitate a rotational speed of 2400 RPM, generating a rated airflow of 37.5 CFM. The unit is constructed with a thermoplastic PBT frame and impeller, meeting UL 94V-0 flammability standards for thermal safety. It features a 3-wire interface with a 3-pin connector, specifically designed for tachometer signal output (F-type) to enable real-time speed monitoring. The internal motor architecture is brushless DC, optimized for low-current draw at 105 mA while maintaining static pressure stability within compact enclosures.

EE92251S3-D020-C99 Specifications

Model Number: EE92251S3-D020-C99

Brand: SUNON

Product Category: DC Axial Fan

Dimensions: 92 x 92 x 25 mm

Rated Voltage: 12 VDC

Rated Current: 105 mA

Rated Power: 1.26 W

Rated Speed: 2400 RPM

Airflow: 37.5 CFM

Bearing Type: Hydraulic Bearing

Termination: 3-wire (3-pin connector)

Signal Output: F-type (Frequency/Tachometer)

Frame Material: Thermoplastic PBT

Impeller Material: Thermoplastic PBT

Flammability Rating: UL 94V-0

Color: Black

Weight: 100 g

OEM Part Number: Dell X755M A01

EE92251S3-D020-C99 Applications

Primary applications include integration into Dell Vostro and Inspiron mini-tower chassis, server power supply units, and network switch enclosures. Deployed within industrial automation control panels and telecommunications rack cooling systems to provide active thermal management for internal PCB components.

Supplemental Images

