EF80251SX-Q030-G99 SUNON 12VDC 80x80x25mm 3.36W Axial Fan Datasheet

Brand: SUNON

SKU: 833385528277

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/ef80251sx-q030-g99-sunon-12vdc-80x80x25mm-3-36w-axial-fan

Product Description

The SUNON EF80251SX-Q030-G99 is a high-efficiency DC Axial Fan engineered for precision thermal management in projection equipment and instrumentation. This unit features a robust 12VDC motor architecture with a power rating of 3.36W, delivering substantial airflow to mitigate thermal impedance in compact enclosures. Designed with advanced aerodynamic impeller geometry, it optimizes static pressure while maintaining structural rigidity under high-speed operation. The fan utilizes a specialized bearing system to ensure operational stability and longevity, making it an ideal solution for demanding electronic cooling applications requiring reliable heat dissipation.

Model Number: EF80251SX-Q030-G99
Brand: SUNON
Product Type: DC Axial Fan
Rated Voltage: 12VDC
Voltage Range: 6.0 - 13.8 VDC
Rated Current: 0.28 A
Rated Power: 3.36 W
Rated Speed: 4500 RPM
Bearing Type: Sleeve Bearing
Max. Air Flow: 51.0 CFM (86.6 m^3/h)
Max. Static Pressure: 0.28 inH_2O (69.7 Pa)

Dimensions: 80 x 80 x 25 mm
Weight: 86 g
Noise Level: 40.0 dB(A)
Frame Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Ingress Protection: IP50
Insulation Class: Class A
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Life Expectancy: 30,000 Hours at 40°C
Termination: Lead Wires
Mounting Orientation: Any

The EF80251SX-Q030-G99 is specifically calibrated for integration into multimedia projectors and precision instrumentation where consistent airflow is critical for component longevity. Engineers frequently deploy the EF80251SX-Q030-G99 in compact chassis environments, server rack spot cooling, and optical device thermal regulation to prevent overheating during extended operation cycles.

Supplemental Images


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