SFB30D-12 SEPA 12VDC 30x30x10mm Axial Cooling Fan Datasheet

Brand: SEPA

SKU: 922058241318

Category: Axial & Centrifugal Fans

Price: **$8.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/sfb30d-12-sepa-12vdc-30x30x10mm-axial-cooling-fan

Product Description

The SEPA SFB30D-12 is a compact DC Axial Fan engineered for precision thermal management in space-constrained electronic assemblies. Utilizing advanced motor technology, this unit delivers consistent airflow while maintaining a low acoustic profile, effectively lowering thermal impedance in sensitive circuitry. The housing is constructed from durable thermoplastic, ensuring structural rigidity and resistance to environmental stress. Its aerodynamic impeller design optimizes static pressure delivery, making it an ideal solution for maintaining operational stability in high-density industrial applications requiring reliable continuous operation.

Model Number: SFB30D-12
Brand: SEPA
Product Type: DC Axial Fan
Rated Voltage: 12VDC
Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.06 A
Power: 0.72 W
Rated Speed: 8500 RPM
Bearing Type: Ball Bearing
Max. Air Flow: 3.50 CFM (5.95 m^3/h / 0.09 m^3/min)
Max. Static Pressure: 3.81 mmH_2O (37.36 Pa / 0.15 inH_2O)

Dimensions: 30 x 30 x 10 mm
Weight: 8.0 g
Life Expectancy: 50,000 Hours @ 40°C
Noise Level: 24.0 dBA
Termination: 2-Wire Lead
Wire Gauge: 28 AWG
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: IP40
Insulation Resistance: 10M Ohm at 500VDC
Dielectric Strength: 500VAC for 1 min
Mounting Orientation: Any

The SFB30D-12 is specifically designed for integration into compact electronic enclosures where space is at a premium but airflow cannot be compromised. Common deployment environments include chipset cooling in embedded systems, handheld medical diagnostic devices, and localized hotspot mitigation in telecommunications equipment. The SFB30D-12 ensures critical components remain within safe thermal operating limits, preventing throttling in DVR systems and small form-factor industrial controllers.

Supplemental Images