

JF0825S1SAPR Jamicon 12VDC 80x80x25mm 0.26A Axial Fan Datasheet



Brand: Jamicon

SKU: 758065682580

Category: Axial & Centrifugal Fans

Price: \$10.99

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Product Page:

<https://www.equipspares.com/product/jf0825s1sapr-jamicon-12vdc-80x80x25mm-0-26a-axial-fan>

Product Description

The Jamicon JF0825S1SAPR is a precision-engineered DC Axial Fan designed for critical thermal management in power electronics and industrial systems. Utilizing advanced sleeve bearing architecture, this unit optimizes rotational stability while minimizing frictional noise, ensuring a favorable acoustic profile during continuous operation. The aerodynamic impeller design enhances static pressure delivery, effectively overcoming high thermal impedance in dense enclosures. Constructed with a robust thermoplastic frame, it offers superior structural rigidity and reliability. Featuring a 3-wire configuration with an integrated alarm signal, it provides real-time status monitoring essential for system integrity.

Model Number: JF0825S1SAPR

Brand: Jamicon (Kaimei Electronic Corp)

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.26 A

Power: 3.12 W

Rated Speed: 3400 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 42.5 CFM (72.2 m³/h / 1.20 m³/min)

Max. Static Pressure: 5.1 mmH₂O (50.0 Pa / 0.20 inH₂O)

Dimensions: 80 x 80 x 25 mm

Weight: 88 g

Life Expectancy: 30,000 Hours @ 40°C

Noise Level: 35.0 dBA

Speed Control: Alarm Signal (RD)

Housing Material: PBT Thermoplastic UL94V-0

Blade Material: PBT Thermoplastic UL94V-0

Termination: 3-Wire Leads

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Mounting Orientation: Any

Protection: Locked Rotor Protection, Polarity Protection

Certifications: CE, TUV, UL

Application: UPS Power Supply (Santak)

This cooling solution is specifically calibrated for integration into uninterruptible power supplies (UPS), such as Santak systems, where consistent airflow is paramount for voltage regulation components. The JF0825S1SAPR ensures efficient heat dissipation in power supply units, preventing thermal throttling during peak load operations. Additionally, the JF0825S1SAPR is suitable for industrial cabinet cooling, server rack ventilation, and electronic instrumentation requiring active thermal monitoring via the alarm signal output.

Supplemental Images

