

9GA0524P7H001 Sanyo Denki 24VDC 0.03A 52x52x15mm Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [903641424462](#)

Category: Axial & Centrifugal Fans

Price: **\$45.99**

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Product Description

The Sanyo Denki 9GA0524P7H001 is a precision-engineered DC Axial Fan from the renowned San Ace 52 series, designed for optimal thermal management in compact electronic enclosures. Utilizing advanced DC motor technology and a specialized impeller geometry, this unit achieves a remarkable balance between airflow efficiency and acoustic performance. The 9GA0524P7H001 features a robust frame construction ensuring structural rigidity while minimizing vibration transfer. With a low power consumption profile of 0.72W and a whisper-quiet operation at 22dB, it significantly reduces thermal impedance without compromising energy efficiency. The integration of Pulse Width Modulation (PWM) allows for dynamic speed regulation, adapting to real-time cooling demands while the dual ball bearing system ensures long-term reliability.

Model Number: 9GA0524P7H001

Brand: Sanyo Denki

Product Type: DC Axial Fan

Series: San Ace 52 (9GA Type)

Rated Voltage: 24VDC

Voltage Range: 20.4 - 27.8 VDC

Rated Current: 0.03 A

Rated Power: 0.72 W

Rated Speed: 3500 RPM

Max. Air Flow: 8.12 CFM (13.8 m³/h / 0.23 m³/min)
Max. Static Pressure: 27 Pa (2.75 mmH₂O / 0.11 inH₂O)
Noise Level: 22 dB(A)
Dimensions: 52x52x15 mm
Weight: 40 g
Bearing Type: Dual Ball Bearing
Speed Control: PWM (Pulse Width Modulation)
Sensor Type: Pulse Sensor (Tachometer)
Termination: 4-Wire (Red, Black, Yellow, Brown)
Frame Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Operating Temperature: -20 to +70 °C
Life Expectancy: 60,000 Hours (at 40°C)

Engineered for reliability, the 9GA0524P7H001 is ideally suited for precision electronic equipment requiring stable airflow with minimal acoustic footprint. Common deployment scenarios include medical instrumentation, compact server racks, and telecommunications gear where space is at a premium. The 9GA0524P7H001 excels in industrial automation controllers and power supply cooling, ensuring critical components remain within safe operating temperatures through its efficient PWM speed regulation capabilities.