

9GA0512P7G001 Sanyo Denki 12V 0.13A 52x52x15mm DC Axial Fan

SKU: 9GA0512P7G001

Price: \$26.99

Categories: Fans

Tags: Sanyo Denki

Product Link:

<https://www.electspares.com/product/9ga0512p7g001-sanyo-denki-12v-0-13a-52x52x15mm-dc-axial-fan/>

Product Description

The Sanyo Denki 9GA0512P7G001 is a high-performance, low power consumption 12VDC axial fan with dimensions of 52 x 52 x 15 mm, specifically designed for high-density cooling in compact industrial and ICT equipment. As part of the San Ace 52 (9GA type) series, this cooling solution features a lightweight plastic frame and a high-efficiency 9-blade impeller (UL 94V-0), optimized for superior aerodynamic throughput and reduced energy usage. It operates at a rated speed of 7,800 RPM, delivering a maximum air flow of 17.7 CFM (30 m³/h) and a static pressure of 0.367 inH₂O (91.5 Pa). Equipped with a precision dual ball bearing system and PWM control functionality, the 9GA0512P7G001 ensures a reliable service life of 70,000 hours at 40°C. This model is characterized by its compact form factor and integrated speed monitoring, making it an ideal choice for 1U server components, networking hardware, and portable medical devices.

9GA0512P7G001 Fan Parameters

Manufacturer: Sanyo Denki

Model Number: 9GA0512P7G001

Type: DC Axial Fan

Series: San Ace 52 (9GA type)

Dimensions: 52 x 52 x 15 mm

Weight: 40 g

Frame Material: Plastic

Impeller Material: Plastics (UL 94V-0)

Bearing Type: Dual Ball Bearing

Number of Blades: 9

Rated Voltage: 12 VDC

Operating Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.13 A

Rated Input Power: 1.56 W

Rated Speed: 7,800 RPM

Max. Air Flow: 17.7 CFM (30 m³/h / 0.5 m³/min)

Max. Static Pressure: 0.367 inH₂O (91.5 Pa / 9.3 mmH₂O)

Sound Pressure Level: 38 dB(A)

Termination: 4 Lead Wires (300 mm)

Wire Functions: Red (+), Black (-), Yellow (Tachometer), Brown (PWM)

Control Interface: PWM Control / Pulse Sensor

Operating Temperature: -20 - +70 °C

Storage Temperature: -30 - +70 °C

Expected Life: 70,000 h (at 40 °C) / 40,000 h (at 60 °C)

Locked Rotor Protection: Supported

Reverse Polarity Protection: Supported

Safety Approvals: UL, CSA, TUV, RoHS

Application

The Sanyo Denki 9GA0512P7G001 low-profile axial fan is specifically designed for cooling 1U server components, compact network switches, telecommunications modules, small-form-factor industrial PCs, and portable medical diagnostic equipment where space is limited and low power consumption is required.

Product Images









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