9GA0812P1G611 Sanyo Denki 12VDC 80x80x38mm PWM Axial Fan Datasheet

Brand: Sanyo Denki

SKU: 999367548825

Category: Axial & Centrifugal Fans

Price: **$13.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/9ga0812p1g611-sanyo-denki-12vdc-80x80x38mm-pwm-axial-fan

Product Description

The Sanyo Denki 9GA0812P1G611 is a high-efficiency DC Axial Fan engineered for applications requiring substantial static pressure and airflow density. Belonging to the San Ace 80 GA series, this unit utilizes advanced motor technology to optimize the P-Q performance curve while maintaining structural rigidity through its reinforced thermoplastic frame. The design incorporates a precision dual ball bearing system, ensuring long-term reliability and reduced thermal impedance under continuous operation. With integrated Pulse Width Modulation (PWM) signal control, the 9GA0812P1G611 allows for dynamic speed adjustment, balancing cooling requirements with energy consumption in demanding industrial environments.

Model Number: 9GA0812P1G611
Brand: Sanyo Denki
Product Type: DC Axial Fan
Series: San Ace 80 GA
Rated Voltage: 12VDC
Voltage Range: 10.8 - 13.2 VDC
Rated Current: 1.2 A
Rated Power: 14.4 W
Rated Speed: 9,600 RPM
Max. Air Flow: 97.1 CFM (2.75 m^3/min)

Max. Static Pressure: 46.0 mmH_2O (451 Pa / 1.81 inH_2O)
Dimensions: 80x80x38 mm
Bearing Type: Dual Ball Bearing
Speed Control: PWM (Pulse Width Modulation)
Signal Output: Tachometer (Pulse Sensor)
Life Expectancy: 40,000 Hours (60°C)
Operating Temperature: -20°C to +70°C
Frame Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Weight: 180 g
Termination: 4-Wire Lead

This high-static pressure cooling solution is specifically designed for densely packed electronic enclosures and high-impedance systems. The 9GA0812P1G611 is frequently utilized in enterprise server racks, telecommunications power supplies, and industrial automation control cabinets where consistent airflow is critical. Additionally, the 9GA0812P1G611 serves as a vital component in medical instrumentation and CNC machinery, ensuring thermal stability for sensitive components subject to variable load conditions.

Supplemental Images