109P0405H708 Sanyo Denki 5VDC 0.28A 40x40x15mm Axial Fan Datasheet

Brand: Sanyo Denki

SKU: 988849380021

Category: Axial & Centrifugal Fans

Price: **$15.99**

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Product Page:
https://www.equipspares.com/product/109p0405h708-sanyo-denki-5vdc-0-28a-40x40x15mm-axial-fan

Product Description

The Sanyo Denki 109P0405H708 is a precision-engineered DC Axial Fan designed for high-density electronic cooling applications requiring superior thermal management. Featuring a robust brushless DC motor architecture paired with a dual ball bearing system, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes the P-Q characteristic curve, delivering high static pressure relative to its compact 40mm form factor. Constructed with UL94V-0 rated thermoplastic, the frame offers exceptional structural rigidity and vibration damping. This 3-wire configuration includes a tachometer signal output for real-time speed monitoring, making it an ideal solution for mission-critical systems where thermal impedance must be strictly controlled.

Model Number: 109P0405H708
Brand: Sanyo Denki (San Ace)
Product Type: DC Axial Fan
Rated Voltage: 5V DC
Voltage Range: 4.5 - 5.5 VDC
Rated Current: 0.28 A
Input Power: 1.4 W
Rated Speed: 7800 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 8.83 CFM (15.0 m^3/h / 0.25 m^3/min)
Max. Static Pressure: 6.4 mmH_2O (62.7 Pa / 0.25 inH_2O)
Dimensions: 40 x 40 x 15 mm
Termination: 3-Wire Leads (Red +, Black -, Yellow Sensor)
Speed Control: Tachometer Output (Pulse Sensor)
Noise Level: 36 dB(A)
Frame Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Life Expectancy: 60,000 Hours at 40°C
Weight: 25 g

The 109P0405H708 is frequently deployed in compact industrial environments such as 1U server rack power supplies, telecommunications switching equipment, and precision medical instrumentation. Its high static pressure capabilities allow the 109P0405H708 to effectively force air through dense heatsinks and restricted enclosures, ensuring component stability in automation controllers and network routers.

Supplemental Images