



## 109P0405H901 Sanyo Denki

Brand: Sanyo Denki

SKU: 109P0405H901

Category: DC Fans

URL: <https://www.fansco.com/item/109p0405h901-sanyo-denki/>

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### **| Product Description**

Sanyo Denki 109P0405H901 is a high-reliability San Ace 40 (9P type) DC axial fan

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engineered for precision cooling in compact electronic enclosures and portable devices. This ultra-slim 40 x 40 x 10 mm fan operates at a rated voltage of 5 VDC (range: 4.5–5.5V) with a low power consumption of 0.8W and a rated current of 0.16A. Running at a nominal speed of 6200 RPM, it delivers an optimized airflow of 5.3 CFM (0.15 m<sup>3</sup>/min) and a static pressure of 41.2 Pa (0.165 inchH<sub>2</sub>O) while maintaining a quiet acoustic profile of 25 dB(A). Built with a durable dual ball bearing system and a UL 94V-0/94V-1 plastic frame and impeller, the 109P0405H901 features an integrated pulse sensor (Tacho) for RPM monitoring, ensuring long-term thermal stability and an expected life of up to 70,000 hours at 40°C.

## Technical Specifications

| Attribute             | Value  |
|-----------------------|--|
| Part Number           | 109P0405H901                                 |
| Manufacturer          | Sanyo Denki                                  |
| Fan Type              | DC   |
| Series                | San Ace 40                                   |
| Voltage Rating        | 5 VDC  |
| Dimensions            | 40x40x10 mm                                  |
| Air Flow              | 5.3 CFM                                      |
| Air Flow (m3)         | 0.148m <sup>3</sup> /min                     |
| Static Pressure       | 0.165 in H <sub>2</sub> O (41.1 Pa)          |
| Bearing Type          | Ball Bearing                                 |
| Features              | Locked Rotor Protection, Speed Sensor (Tach) |
| Noise Level           | 25 dB(A)                                     |
| Power Rating          | 800 mW                                       |
| Fan Speed             | 6200 RPM                                     |
| Termination           | 3 Wire Leads                                 |
| Operating Temperature | 14 ~ 140°F (-10 ~ 60°C)                      |
| Approval Agency       | CSA, TUV, UL                                 |
| Weight                | 0.042 lb (19.05 g)                           |
| Subcategory           | Tubeaxial                                    |





