

描述

类别	风扇, 热管理 风扇 无刷直流风扇 (BLDC)
制造商	Sanyo Denki America Inc.
系列	San Ace 40
包装	盒
型號	9GA0412P7G001
电压 - 额定	12VDC
大小 / 尺寸	方形 - 40mm 长 x 40mm 高
宽度	15.00mm
气流	12.7 CFM (0.356m ³ /min)
静压力	0.770 英寸水柱 (191.8 Pa)
轴承类型	滚珠
风扇类型	管轴式
特性	PWM 控制, 速度传感器 (转速计)
噪声	42.0dB (A)
功率 (W)	2.04 W
RPM	13100 RPM
端接	4 引线
侵入防护	-
工作温度	-4 ~ 158°F (-20 ~ 70°C)
认证机构	CSA, TUV, UL
重量	0.062 磅 (28.12 g)
额定电流 (安培)	0.170A
电压范围	10.2 ~ 13.8VDC
材料 - 框架	塑料
材料 - 插片	塑料
不同温度时使用寿命	60°C 时为 40000 小时
基本产品编号	9GA0412

DC Fan

40 mm sq.

San Ace 40



General Specifications

- Material: Frame: Plastics (Flammability: UL94V-0), Impeller: Plastics (Flammability: UL94V-0)
- Expected Life: Refer to specifications (L10: Survival rate: 90% at 60°C, rated voltage, and continuously run in a free air state)
- Lead Wire: \oplus Red \ominus black (Sensor) yellow (Control) brown
(For models without PWM control function, there is no speed control wiring.)
- Storage Temperature: -30°C to +70°C (Non-condensing)

40×40×15 mm (Mass : 28g) **9GA type** High Airflow Low Power Consumption Fan

Specifications The following nos. have PWM controls, pulse sensors, and ribs.

Model No.	Rated Voltage [V]	Operating Voltage Range [V]	PWM duty cycle ^{*)} [%]	Rated Current [A]	Rated Input [W]	Rated Speed [min ⁻¹]	Max. Airflow [m ³ /min] [CFM]	Max. Static Pressure [Pa] [inchH ₂ O]	SPL [dB(A)]	Operating Temperature [°C]	Expected Life ^{**)} [h]
9GA0412P7G001	12	10.2 to 13.8	100	0.17	2.04	13,100	0.36 12.7	192 0.77	42	-20 to +70	40,000/60°C (70,000/40°C)

Note 1: Fan does not rotate when PWM duty cycle is 0%.
 Note 2: Expected life at 40°C ambient is just reference value.

^{*)}PWM Frequency : 25kHz

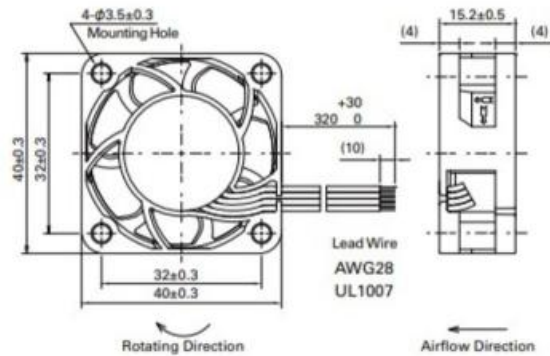
The following nos. have pulse sensors and ribs.

Model No.	Rated Voltage [V]	Operating Voltage Range [V]	Rated Current [A]	Rated Input [W]	Rated Speed [min ⁻¹]	Max. Airflow [m ³ /min] [CFM]	Max. Static Pressure [Pa] [inchH ₂ O]	SPL [dB(A)]	Operating Temperature [°C]	Expected Life ^{**)} [h]
9GA0412G7001	12	7 to 13.8	0.17	2.04	13,100	0.36 12.7	192 0.77	42	-20 to +70	40,000/60°C (70,000/40°C)
9GA0412H7001			0.06	0.72	7,300	0.2 7.1	59.6 0.24	28		

Note: Expected life at 40°C ambient is just reference value.

Models without sensors or with lock sensors are available as options. Please refer to the index (p. 474).

Dimensions (unit: mm) (With PWM control function · With pulse sensor)



Reference Dimensions of Mounting Holes and Vent Opening (unit: mm)

