

60mm sq.**San Ace 60**

15mm thick, 20mm thick, 25mm thick

External thermistor model /
Built-in thermistor model

Note: Optional external thermistors are sold separately.

General Specifications

- Material Frame: Plastics (Flammability: UL94V-0),
Impeller: Plastics (Flammability: UL94V-1)
- Life Expectancy Varies for each model (L10: Survival rate: 90% at 60°C, rated voltage, and continuously run in a free air state)
- Lead Wire ⊕red ⊖black (Control) brown (Only for external thermistor type)
- Fail-safe The motor becomes high speed when the thermistor is unable to detect the temperature in case of open or short circuit etc. (Models equipped with a pulse sensor are excluded.)
- Storage Temperature... -30°C to +70°C (Non-condensing)

60×60×20mm [Mass : 90g]**Specifications External thermistor model**

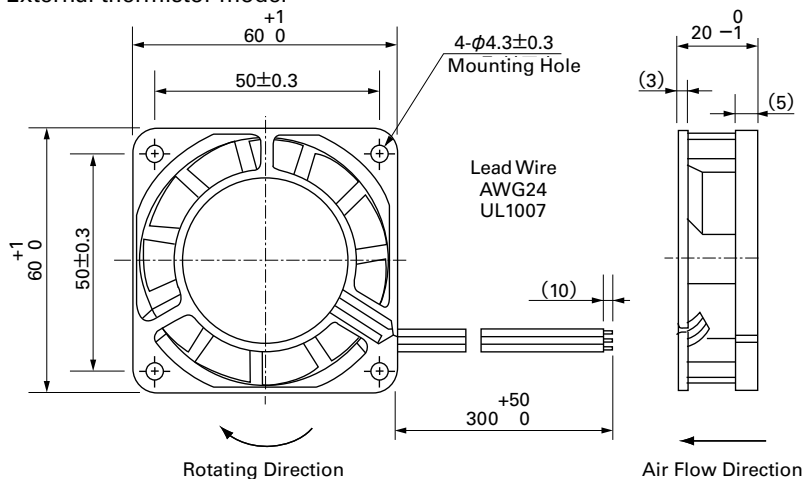
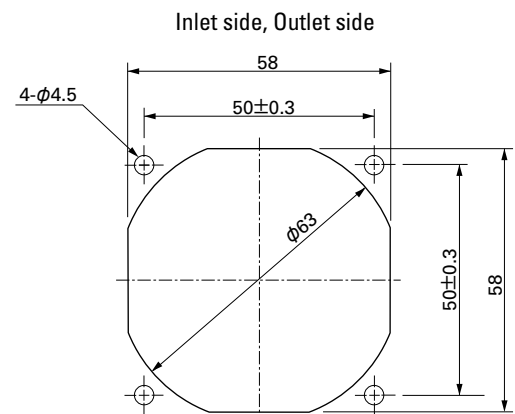
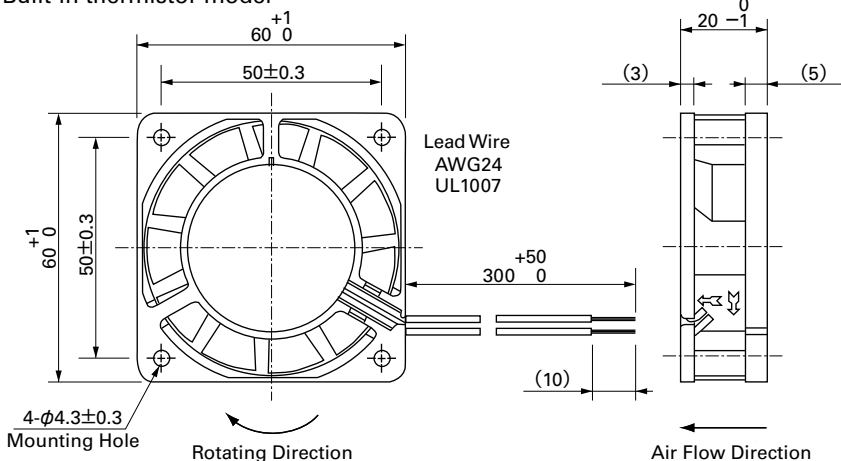
Model No.	Rated Voltage [V]	Operating Voltage Range [V]	Rated Current [A]	Rated Input [W]	Rated Speed [min ⁻¹]	Air Flow [m ³ /min] [CFM]	Static Pressure [Pa] [inchH ₂ O]	SPL [dB(A)]	Operating Temperature [°C]	Life Expectancy [h]
109P0612T6H12	12	10.2 to 13.8	0.15	1.8	4,200	0.42 14.8	31.9 0.128	31	-10 to +70	60,000
			0.10	1.2	2,100	0.21 7.4	8.8 0.035	21		

Note: The top row gives characteristics shown when the thermistor temperature is 35°C, while the bottom row gives characteristics shown when the thermistor temperature is 28°C (Thermistor: 169-002).

Built-in thermistor model

Model No.	Rated Voltage [V]	Operating Voltage Range [V]	Rated Current [A]	Rated Input [W]	Rated Speed [min ⁻¹]	Air Flow [m ³ /min] [CFM]	Static Pressure [Pa] [inchH ₂ O]	SPL [dB(A)]	Operating Temperature [°C]	Life Expectancy [h]
109P0612T6H122	12	10.2 to 13.8	0.15	1.8	4,400	0.44 15.5	35.0 0.141	33	-10 to +70	60,000
			0.10	1.2	2,150	0.22 7.8	9.2 0.037	21		

Note: The top row gives characteristics shown when the temperature is 40°C, while the bottom row gives characteristics shown when the temperature is 30°C.

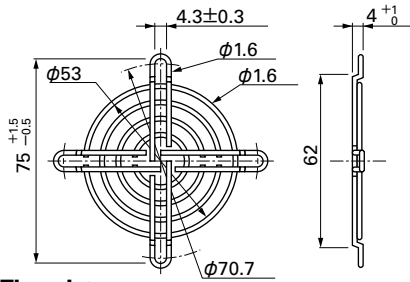
Dimensions (Unit : mm)**External thermistor model****Reference dimensions of mounting holes and vent opening (Unit : mm)****Built-in thermistor model**

Options (Unit : mm)

Finger guards

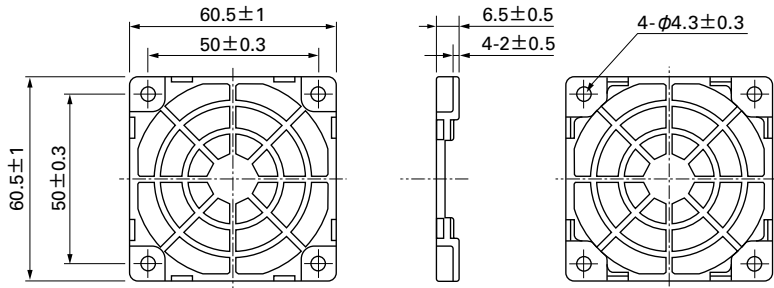
Model : 109-139E Surface treatment : Nickel-chrome plating (silver)
Color : Cation electropainting (black)

Inlet side, Outlet side



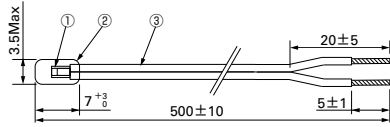
Resin finger guards

Model : 109-1003G



Thermistor

Model : 169-002



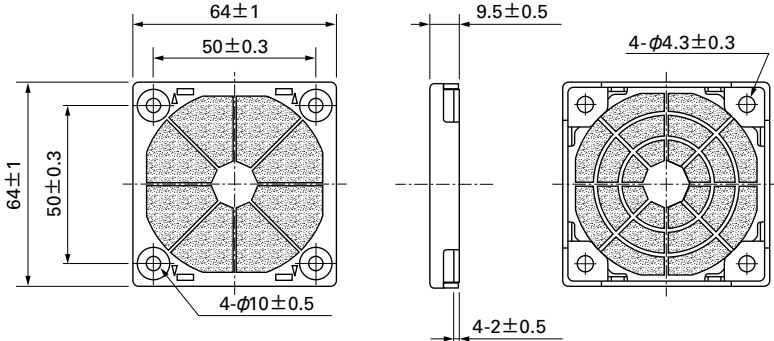
Number	Name	Standards, materials, etc.
①	Thermistor	Chip
②	Insulated cord	Epoxy resin
③	Lead	UL2555 CSA TR-64 AWG#28 (blue)
Item	Spec	
2-1	Resistance	R25 6.8KΩ ±3%
2-2	B constant	B25/50 3950K ±2%
2-3	Maximum rated power	188mW (25°C under still air)
2-4	Insulation resistance	100MΩ or more (DC500V megger)
2-5	Dielectric strength	No problem (AC1500V 1 minute)
2-6	Operating temperature range	-30°C to +80°C
2-7	Storage temperature range	-40°C to +100°C

Manufactured by OHIZUMI MFG CO.,LTD.

Mfr. Part No. 159-682-86 □□□

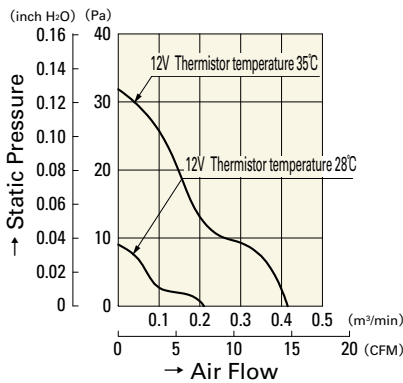
Resin filter kits

Model : 109-1003F13 (13PPI), 109-1003F20 (20PPI)
: 109-1003F30 (30PPI), 109-1003F40 (40PPI)



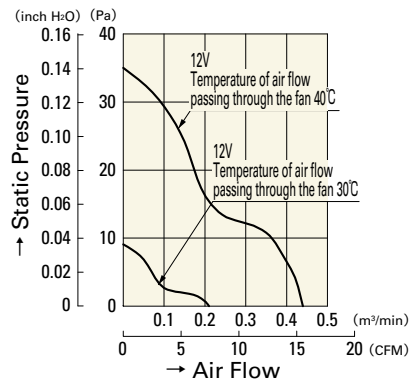
Air Flow and Static Pressure Characteristics

External thermistor model



109P0612T6H12

Built-in thermistor model

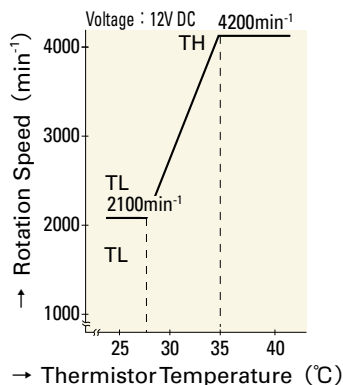


109P0612T6H122

Temperature-Rotation Speed Characteristics

External thermistor model

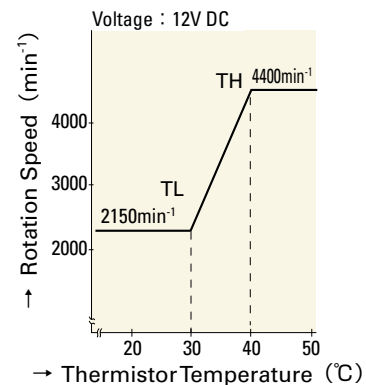
■ Characteristics of Thermistor-detected Temperature vs Speed



109P0612T6H12

Built-in thermistor model

■ Typical characteristics of temperature of air flowing through the fan versus rotation speed



109P0612T6H122

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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