

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China









San Ace 80

General Specifications

· Material · · · · · Frame: Aluminum,

Impeller:Plastics (Flammability: UL94V-1)

 \cdot Expected LifeRefer to specifications (L10:Survival rate: 90% at 60°C , rated voltage,and continuously run in a free air state)

· Dielectric Strength ······50/60Hz 1,500VAC 1minute (between input terminal and frame)

· Storage Temperature $\,$ ··· -30° C to $+70^{\circ}$ C (Non-condensing)

· Operating Voltage Range ··· Voltage of each model ±10%





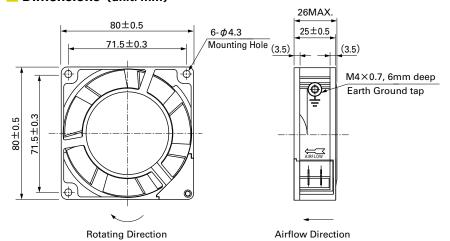
$80 \times 80 \times 25_{mm} \text{ (Mass: 270g)}$

Specifications

Model No.	Rated Voltage [V]	Frequency [Hz]	Input [W]	Current [A]	Locked Rotor Current	Rated Speed [min ⁻¹]	Max. Airflow [m³/min] [CFM]	Max. Static Pressure [Pa] [inchH₂0]	SPL [dB(A)]	Operating Temperature [°C]	Expected Life [h]
109S050	100	50/60	9/7	0.12/0.1	0.13/0.11	2,650/3,100	0.63/0.76 22.3/26.9		30/33	30 to +60	25,000/60°C
109S053	115			0.1 /0.08	0.11/0.09			27 5/29 2 0 110/0 15/			
109S051	200			0.06/0.05	0.06/0.05			27.5/30.3 0.110/0.134			
109S054	230			0.05/0.04	0.05/0.04						
109S030	100			0.12/0.1	0.13/0.11	2,350/2,700	0.55/0.63 19.4/22.3		28/30		
109S033	115			0.1 /0.08	0.11/0.09			21.6/28.4 0.087/0.114			
109S031	200			0.06/0.05	0.06/0.05						
109S034	230			0.05/0.04	0.05/0.04						

Set Models Fan, finger guard, plug cord, screws, etc. can be purchased in one package. For details, please refer to pp. 453 to 456.

Dimensions (unit: mm)

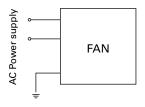


Reference Dimensions of Mounting Holes and Vent Opening (unit: mm)

Inlet side Outlet side $\frac{71.5\pm0.3}{3\cdot\phi4.5}$

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Wiring Diagram

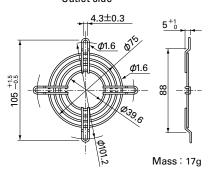


Options (unit: mm)

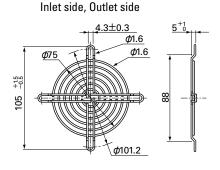
Finger Guards

Color Surface treatment : Nickel-chrome plating (silver) Model: 109-049C

Outlet side

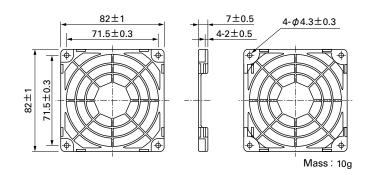


Color Surface treatment : Nickel-chrome plating (silver) : Cation electropainting (black) Model: 109-049E : 109-049H



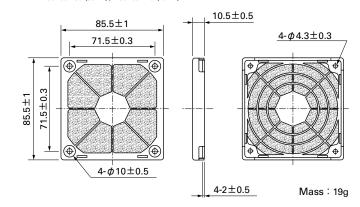
Mass: 21g

Resin Finger Guards



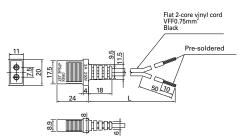
Resin Filter Kits

Model: 109-1002F13 (13PPI), 109-1002F20 (20PPI) : 109-1002F30 (30PPI), 109-1002F40 (40PPI)

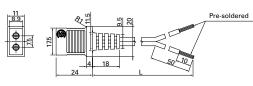


Plug Cord

(Products compliant with Electrical Appliance and Material Safety Law) Model: 489-016-L10/489-016-L21



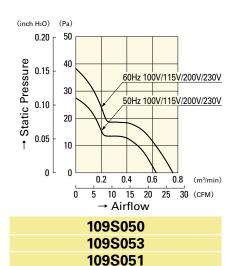
(UL/CSA CERTIFIED) UL FILE No. E50197 CSA FILE No. LR67048 Model: 489-047-L10/489-047-L21



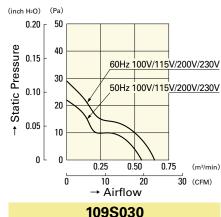


Model	Power cord length (L) [mm]	Mass [g]
489-016-L10	1,000	34
489-016-L21	2,100	64
489-047-L10	1,000	38
489-047-L21	2,100	71

Airflow - Static Pressure Characteristics



109S054



109S030 109S033 **109S031** 109S034