



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

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



### General Specifications

#### Motor Protection:

Auto Restart/Polarity Protection

#### Insulation Resistance:

10M Ω or over with a DC500V Megger

#### Dielectric Withstand Voltage: AC 700V 1s

#### Allowable Ambient Temperature Range:

-10°C ~ +60°C (Operating)

-40°C ~ +70°C (Storage)

(non-condensing environment)

### Expected Life

#### Failure Rate: 10%

25°C 100,000 Hours

### Material

Casing : Plastic (Black) UL94V-0

Impeller : Plastic (Black) UL94V-0

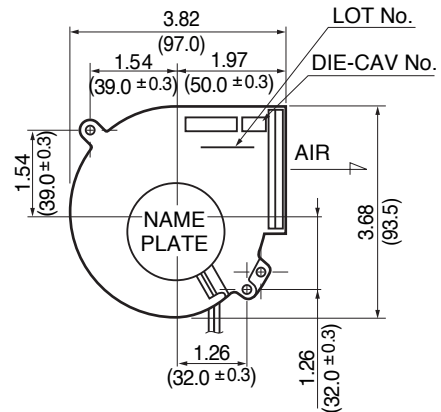
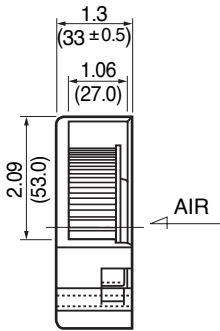
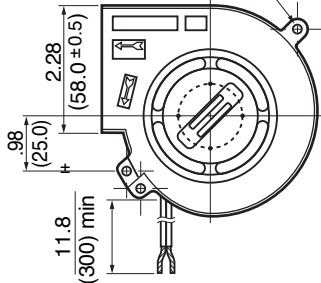
Bearing : Ball Bearing

Lead Wire : UL1007, AWG26, +Red, -Black

### Outline

Units: inch  
(mm)

ROTATION  
THROUGH HOLE .177  
2 - (ø4.5 ± 0.3)



### Specifications

MODEL	LEGACY P/N	Rated Voltage	Operating Voltage	Current	Input Power	Speed	Max. Air Flow		Max. Static Pressure		Noise	Mass
		(V)	(V)	(A)*1	(W)*1	(min <sup>-1</sup> )*1	CFM*1	(m <sup>3</sup> /min)*1	in H <sub>2</sub> O	(Pa)*1	(dB)*1	(g)
09533GA-12K-AA-00	BG0903-B042-000-00	12	8 ~ 13.8	0.40	4.80	2700	20.5	0.58	.61	152	47.5	210
09533GA-12L-AA-00	BG0903-B043-000-00	12	8 ~ 13.8	0.64	7.68	3200	24.7	0.70	.90	225	51.5	210
09533GA-12M-AA-00	BG0903-B044-000-00	12	8 ~ 12.6	1.03	12.40	3700	28.6	0.81	1.4	342	54.5	210
09533GA-12Q-AA-00	BG0903-B047-000-00	12	9.5 ~ 13.2	1.6	19.20	5200	38.1	1.08	1.88	470	61.0	210
09533GA-24K-AA-00	BG0903-B052-000-00	24	10 ~ 27.6	0.21	5.04	2700	20.5	0.58	.61	152	47.5	210
09533GA-24L-AA-00	BG0903-B053-000-00	24	10 ~ 27.6	0.33	7.92	3200	24.7	0.70	.90	225	51.5	210
09533GA-24M-AA-00	BG0903-B054-000-00	24	10 ~ 25.0	0.49	11.80	3700	28.6	0.81	1.4	342	54.5	210

Rotation: Clockwise Label Side

\*1: Average Values in Free Air

\*\* Contact NMB for availability

Note: PWM/Locked Rotor/Tach Available

### Characteristic Curves

