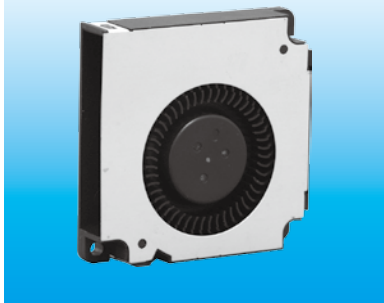




**THE DATASHEET OF  
BFB0505LA-C**

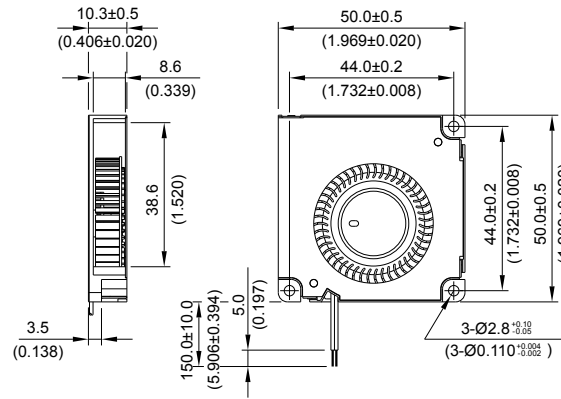


*New*



# BFB 50 x 50 x 10 MM SERIES

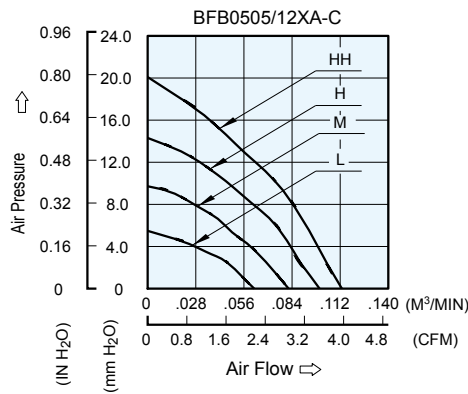
## DIMENSIONS DRAWING



UNIT : mm  
(INCH)

- \* Bearing Type  
Ball Bearings
- \* Material  
Impeller & Frame : Plastic (UL 94V-0)
- \* Lead Wires :  
UL 1571 AWG #28 OR Equivalent  
Red Wire Positive(+)  
Black Wire Negative(-)
- \* Weight : 22.5g (0.79 oz)

## P & Q CURVE (AT RATED VOLTAGE)



MODEL			Rated Voltage	Operating Voltage Range	Input Current	Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	REV.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m <sup>3</sup> /min	CFM	mmH <sub>2</sub> O	IN H <sub>2</sub> O	dB-A
BFB0505LA	-C	-R00 / -F00	5	3.5 to 5.5	0.06	0.30	3500	0.062	2.18	5.48	0.208	22.5
BFB0512LA	-C	-R00 / -F00	12	7.0 to 13.2	0.05	0.60						
BFB0505MA	-C	-R00 / -F00	5	3.5 to 5.5	0.10	0.50	4300	0.082	2.89	9.72	0.383	28.0
BFB0512MA	-C	-R00 / -F00	12	7.0 to 13.2	0.07	0.84						
BFB0505HA	-C	-R00 / -F00	5	3.0 to 5.5	0.18	0.90	5100	0.100	3.53	14.31	0.563	32.5
BFB0512HA	-C	-R00 / -F00	12	5.0 to 13.2	0.12	1.44						
BFB0505HHA	-C	-R00 / -F00	5	3.0 to 5.5	0.26	1.30	5900	0.113	3.98	20.09	0.790	37.5
BFB0512HHA	-C	-R00 / -F00	12	5.0 to 13.2	0.16	1.92						

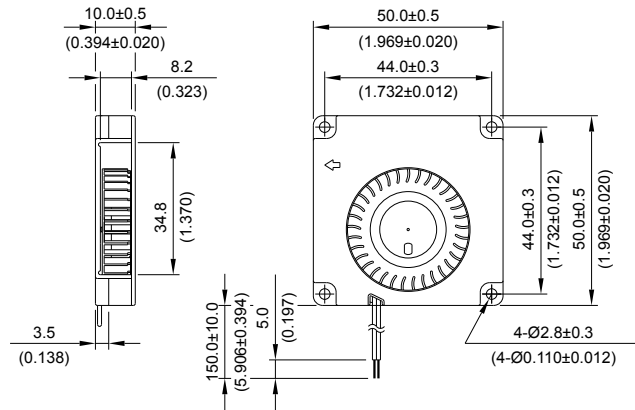
\* Function type is optional.  
 \* The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.  
 \* Noise is measured in anechoic chamber in free air, one meter from intake side.  
 \* All readings are typical values at rated voltage.  
 \* Specifications are subject to change without notice.

*New*



# BFB 50 x 50 x 10 MM SERIES

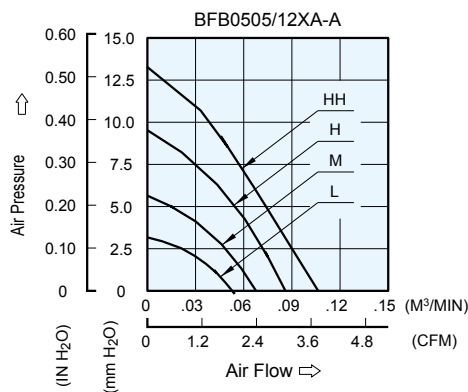
## DIMENSIONS DRAWING



UNIT :  $\frac{\text{mm}}{\text{INCH}}$

- \* Bearing Type  
Ball Bearings
- \* Material  
Impeller & Frame : Plastic (UL 94V-0)
- \* Lead Wires :  
UL 1571 AWG #28 OR Equivalent  
Red Wire Positive(+)  
Black Wire Negative(-)
- \* Weight : 16.5g (0.58 oz)

## P & Q CURVE (AT RATED VOLTAGE)



MODEL			Rated Voltage	Operating Voltage Range	Input Current	Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	REV.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m <sup>3</sup> / min	CFM	mmH <sub>2</sub> O	IN H <sub>2</sub> O	dB-A
BFB0505LA	-A	-R00 / -F00	5	4.0 to 5.5	0.05	0.25	3500	0.053	1.87	3.18	0.125	22.5
BFB0512LA	-A	-R00 / -F00	12	7.0 to 13.2	0.04	0.48						
BFB0505MA	-A	-R00 / -F00	5	4.0 to 5.5	0.07	0.35	4500	0.068	2.40	5.64	0.222	28.0
BFB0512MA	-A	-R00 / -F00	12	7.0 to 13.2	0.05	0.60						
BFB0505HA	-A	-R00 / -F00	5	4.0 to 5.5	0.12	0.60	5500	0.086	3.04	9.47	0.373	32.5
BFB0512HA	-A	-R00 / -F00	12	7.0 to 13.2	0.08	0.96						
BFB0505HHA	-A	-R00 / -F00	5	4.0 to 5.5	0.16	0.80	6500	0.110	3.88	13.43	0.529	37.5
BFB0512HHA	-A	-R00 / -F00	12	7.0 to 13.2	0.09	1.08						

\* Function type is optional.  
 \* The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.  
 \* Noise is measured in anechoic chamber in free air, one meter from intake side.  
 \* All readings are typical values at rated voltage.  
 \* Specifications are subject to change without notice.