SUZHOU PF MOTOR & FAN TECHNOLOGY CO.,LTD

SPECIFICATION FOR APPROVAL

CUSTOMER:

DESCRIPTION: BRUSHLESS DC FAN

DIMENSIONS: 120×120×25mm

M O D E L NO.: PF12025DC P/N:PF12025D12MSL



DRAW BY: David Zhang

CHECK BY: James

APPROVED BY:

SPECIFICATIONS

1.	Rated Voltage	12VDC
2.	Operating Voltage Range	10.5-14.5VDC
3.	Starting Voltage	7.5V DC
4.	Rated Speed	3000 RPM±5%
5.	Air Flow	89 CFM
6.	Static Pressure	5.1 mmH_2O
7.	Rated Current	0.35Amp
8.	Input Power	4.20Watts
9.	Noise Level	45.0dB(A)
10.	Direction of Rotation	Counter-Clockwise
11.	Motor Protection	Impedance Protected
12.	Operation Temperature	-20℃-80℃
13.	Operation Humidity	20%-80%
14.	Bearing System	Sleeve Bearing
15.	Life at 25℃	30,000hours
16.	Weight	160 g
17.	Approvals	CE RoHS

DESCRIPTION

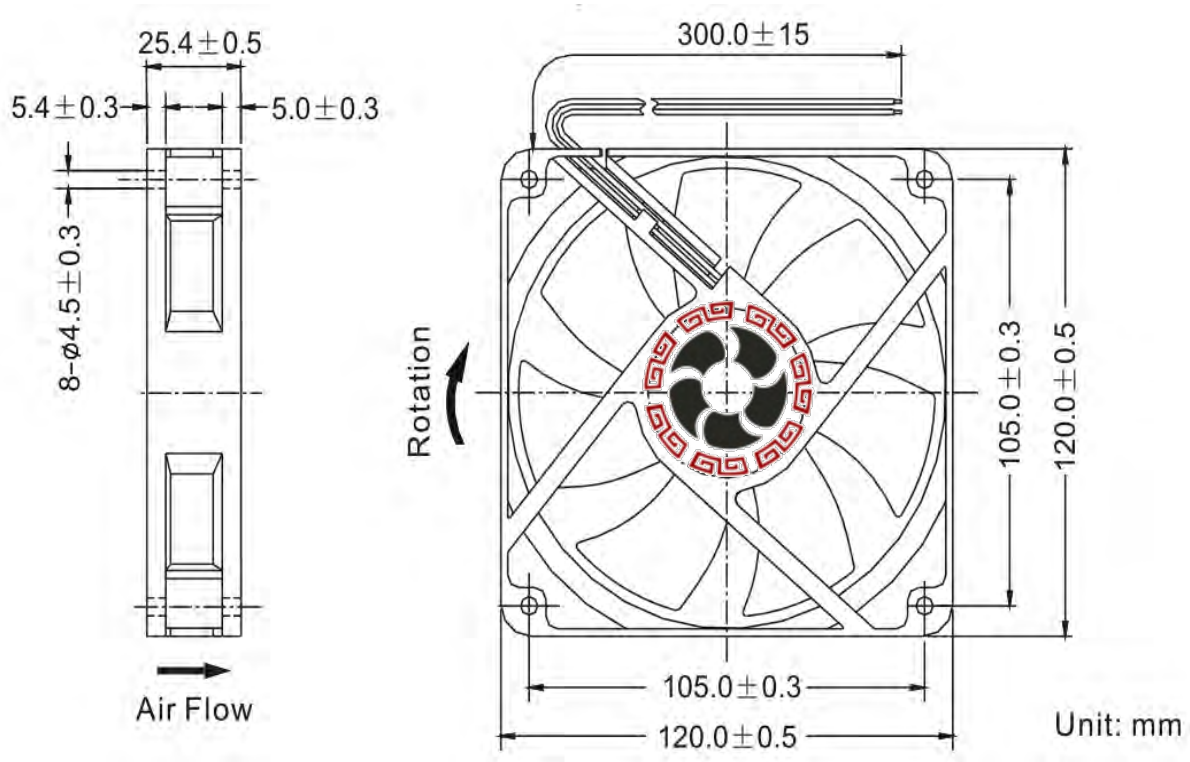
1.	Motor Design	Reliable Brushless Motor Construction
2.	Insulation resistance	10 Mega-ohms minimum at 500 VDC
3.	Dielectric Strength	500VAC/min, current<5mA
4.	Motor Protection	Impedance protected
5.	Noise Level	Measured in a semi-anechoic chamber With background noise level below 15 dBA. The fan is running in free air with Microphone at a distance of one meter From the fan intake.
6.	Air Performance	Measured by a double chamber. The value is recorded when the fan speed is stabilized at rated voltage
7.	Tolerances	±15% on rated power and current

MATERIAL

Materials

1.	Frame	Thermoplastic PBT
2.	Blade	Thermoplastic PBT
3.	Lead Wire	24AWG

DIMENSIONS



NOTES

1. PF MOTOR will not guarantee the products if the application of our products is exceeded the limitation, which is specified on this specification.
2. In case of change of the specification specified on this document, a written notice is requested in advance.
3. Please do not touch the impeller with pressure and never bring the fan with lead wire. The bearings and lead wire may be damaged.
4. No guarantee on the products against the safety problem or failure caused by powder dust, drop of water or insect
5. If there is any data or related documentation different from this data sheet, this data sheet is the principal reference.
6. For the purpose of MIS, please indicate SPEC No. on every order.
7. In case of the fan has no polarity protection function, wires with same color (i.e. red + red, black +black)