



# 深圳市胜丰宏电子有限公司

## APPROVAL SHEET

Customer: .....

Customer P/N: SFS 3010B2M12 .....

Description: DC FAN .....

Model NO.: SFS 3010B2M12 .....

Version.: A Issue NO.: 21SFH0522 .....

Issue date: 2021-5-22 Quantity: 3PCS .....

\*Please sign back this specification for our record upon your approval.

Thanks!

Company Stamp	CUSTOMER APPROVAL Stamp
制作: 杨春荣	承认:
复核: 郭自义	核准:
核准: 李长江	日期:

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## 1.0：一般规格（General Specification）

项目（Item）		规格/条件 （Specification/Condition）	
1	型号(Model No.)	SFS 3010B2M12	
2	外型尺寸(Outline. Dimension)	30*30*10MM	
3	工作电压（Operating Voltage）	DC 6.0-13.8V	
4	额定电压(Rated .voltage)	DC 12.0 V	
5	起动电压 Starting Voltage	DC ≤5.50V on/off	
6	额定电流(Rated current)	0.14A±10%	a. 额 定 电 压 (Rated .voltage) b. 25℃ 65% RH c. After testing for 5 minutes
7	消耗功率(Power consumption)	1.68W±10%	
8	转速（Speed）	13000±10%RPM	
9	最大风量：(Max Airflow)	5.19CFM	a. 额 定 电 压 (Rated .voltage) b. AMCA 标准（Standard） C. 额 定 电 流（Rated current）
	最大静压：(Air .Static Pressure)	7.13mmH2O	
10	最大噪音（Max Noise）	Max:39.50Db-A	a. 额定电压（Rated Voltage） b. 18dB无响室（18dB Non-Echo Chamber） c. 标准（Standard）:CNS 8753 / ISO 3744 d. Test Condition :ISO 7779 e. 距离（Distance）: 1.0 M
11	Life expectancy(期望寿命)	60000 hrs at temp40℃ Humidity5%-95%	MTTF（Mean Time To Failure） Conf. Level 90%
12	扇叶数（No.of.Blade）	5 叶	
13	极数（No.of.Pole）	4 极	
14	运转方向（Rotating Direction）	逆时针/运转方向是从扇叶面看	
15	锁住保护 Lock Protection	□无 NO	

16	极性保护 Polarity Protection	VCC与GND反接时 不导通 Open circuit when Vcc & GND are exchanged
17	FG 信号 FG Message	□无 NO

## 2.0:主要材料/零件规格 (Main Materials/parts Specification)

材料/零件 ( Materials/parts )		规格(Specification)	
1	塑料材料/扇叶 外框 (Plastic Material/Blade,Housing)	PBT 黑色方框 5 叶 , 环保 HB	
2	轴承 (Bearing Type)	滚珠轴承 (Ball Bearing)	
3	引线 (Lead Wire)	UL1061/30#/线长 60MM 2.0-2P 正端	
4	端子 (Connector)	红(VCC)	黑(GND)

## 3.0 電性規格 ( Electrical Specifically )

1	絕緣阻抗 Insulation Resistance	10MΩ/裸線与外框間測量 , 500VDC/min 10MΩ/between unshackled wire and frame at 500VDC/min
2	絕緣耐压 Dielectric Strength	5Ma Max./導線与外框間測量 , 500VAC/min 5Ma Max./Measured between lead wire(+)and frame at 500VAC/min
3	防水等级 Waterproof level	IP X0

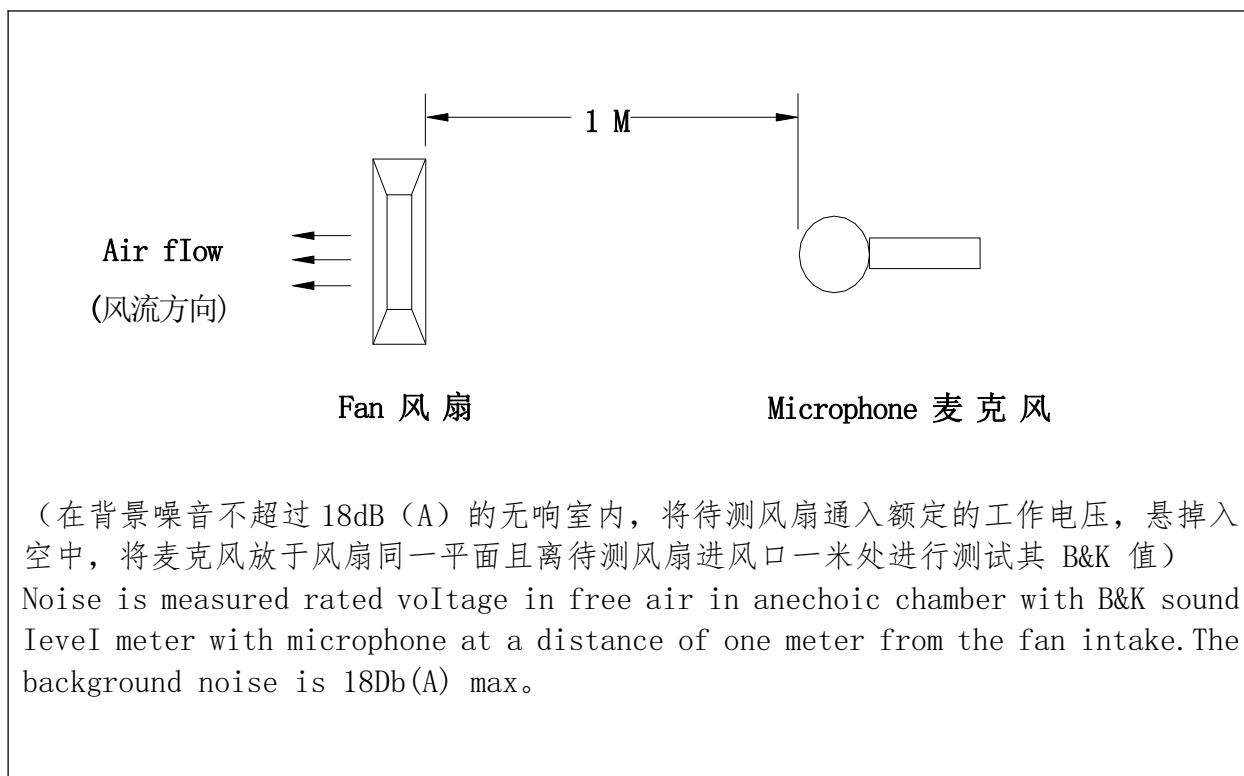
## 4.0 环境测试 ( Environmental Specification )

1	運轉温/濕度範圍 Operating Temp .Range	溫度/Temperature:-10℃~+70℃ 濕度/Humidity:35%~85%RH
2	保存温/濕度範圍围 Storage Temperature	溫度/Temperature:-40℃~+70℃ 濕度/Humidity:35%~85%RH
3	耐濕性 Humidity	電氣規格依据 MIL-STD 202F Method 103B 濕度 : 95%RH 溫度 : 40±2℃
4	熱冲擊 Thermal Shock	電氣規格依据 MIL-STD 202F Method 107D Per MIL-STD 202F Method 107D,Condition

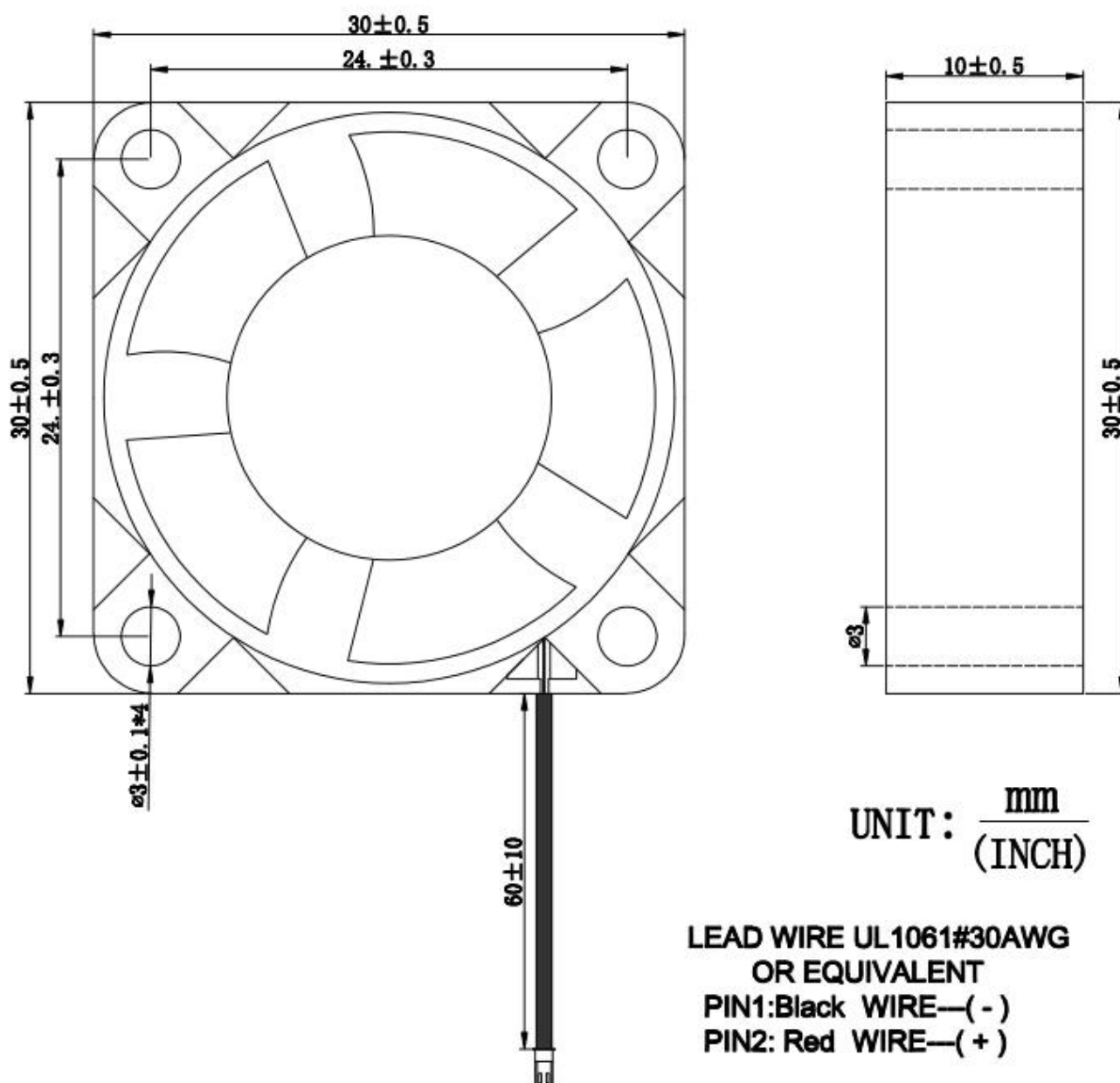
		D
5	絕緣階段 Insulation Shock	UL: A 种 UL : Class A
6	包裝耐振動試驗 Packing Vibration Test	包裝后，XYZ 三方向施 1.1G load vibration test for 30min .No serious damage
7	包裝耐冲擊試驗 Packing Shock Proof Test	捆包后，高 60 公分，1 棱角 3 边 6 面自然落下，無嚴重損坏. 1comer,3edges, 6faces natural drop from 60cm high packing No serious damage

## 5.0 在无响室额定电压下之噪音测试

(NOISE IS MEASURED AT RATED VOLTAGE IN ANECHOIC)



## 6.框叶图:



胜丰电子有限公司

SHENGFENG ELECTRONICS CO.,LTD

400-9920-988

制图: 陈卿伟

[www.fancool.net](http://www.fancool.net)

审核: 陈惠

## 注意事项 (NOTES)

1 Before use, make sure the supply voltage to meet the use of the product range, line-powered load exceeds the maximum power consumption of this product 120%. And the voltage is stable without clutter

(使用前, 确认供电电压能满足本产品的使用范围, 供电电路负载超过本产品的最大功耗的 120%。且电压是稳定不含杂波干扰)

2 Please when ventilator circular telegram normal work do not use the hand to bump touches fan blade border

(请在风扇通电正常运转时不要用手碰触扇叶边沿)

3 Please do not touch the impeller and never carry the fan the lead wires. The bearings and the lead wires may be damaged. Additionally, static electricity may damage the internal circuits of the fan

(请不要碰触扇叶和拉扯线材, 以免损坏轴承及导线。此外, 静电可能损坏内部的风扇元件)

4 Please do not use the fan in the environment of corrosive gas or liquid.

(请不要将风扇置于腐蚀的气体 and 液体内)

5 Please do not store the fan in the environment of high humidity. Please avoid storage of the fan over 6 months. For long term storage, please connect power to the fan shortly every 6 months even though the fan is stored in room temperature.

(请不要将风扇储存在高湿度的环境中, 请尽量避免将风扇储存期超过 6 个月。如果要长期储存, 请将其在室温的环境下。且每隔 6 个月须上电源让风扇短时间运转。)



This certificate is responsible for testing sample only.  
Please refer to this corresponding test report to get testing process and data.

# CERTIFICATE

## ATTESTATION Certificate of Compliance

Technical file of the company mentioned below has been inspected and audit has been completed successfully

The EMC Directive 2014/30/EU has been taken as references for these processes.

Certificate's Holder : SHENZHEN SHENGFENGHONG ELECTRONICS CO., LTD.  
Address : Third floor, building a, Hetai Industrial Park, NO:6, Datang North Road, Xiawei village, Zhutang, Fenggang town, Dongguan City, China  
Manufacturer : SHENGFENGHONG ELECTRONICS CO., LTD.  
Address : No.1-2205 Yabao Rd., Bantian, Longgang Distict, Shenzhen, China  
Product Name : cooling fan  
Product Model (S) : SF12038, SF1504, SF1805, SF2006, SF2010, SF2507, SF2510, SF3007, SF3010, SF3507, SF3510, SF4007, SF4010, SF4015, SF4020, SF4028, SF4056, SF5010, SF5012, SF5015, SF5020, SF6010, SF6015, SF6020, SF6025, SF6038, SF7010, SF7015, SF7020, SF7025, SF7030, SF7530, SF8010, SF8015, SF8020, SF8025, SF8038, SF8076, SF9010, SF9015, SF9025, SF9038, SF9215, SF9225, SF9238, SF9733, SF10025, SF11025, SF12025, SF12032, SF14025, SF14038, SF15050, SF16038, SF16050, SF17238, SF17250, SF17251, SF18060, SF20060, SF22060, SF25489  
Trade Mark : N/A  
Related Directive : 2014/30/EU  
Related Standards : EN 55032:2015 + A1:2020 + A11:2020  
EN 55035:2017 + A11:2020  
Certificate Number : HK2109183572E  
Report No. : HK2109183572-1ER  
Registration Date : Sep. 24, 2021



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Shenzhen HUAKE Testing Technology Co., Ltd.

Add.: 1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China  
Tel.: +86-755-2302 9901 Http:// [www.cer-mark.com](http://www.cer-mark.com) Postcode: 518103 E-mail: [service@cer-mark.com](mailto:service@cer-mark.com)





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SF3010, SF3507, SF3510, SF4007, SF4010, SF4015, SF4020, SF4028,  
SF4056, SF5010, SF5012, SF5015, SF5020, SF6010, SF6015, SF6020,  
SF6025, SF6038, SF7010, SF7015, SF7020, SF7025, SF7030, SF7530,  
Product Model (S) : SF8010, SF8015, SF8020, SF8025, SF8038, SF8076, SF9010, SF9015,  
SF9025, SF9038, SF9215, SF9225, SF9238, SF9733, SF10025, SF11025,  
SF12025, SF12032, SF12038, SF14025, SF14038, SF15050, SF16038,  
SF16050, SF17238, SF17250, SF17251, SF18060, SF20060, SF22060,  
SF25489  
Trade Mark :  
Related Directive : Directive 2015/863/EU amending Annex II to Directive 2011/65/EU  
Certificate Number : HK2109183877R  
Report No. : HK2109183877-1RR  
Registration Date : October 09, 2021



The information of the certificate can be checked through [www.cer-mark.com](http://www.cer-mark.com). The CE mark which is shown on the certificate can only be used under the conditions that the products complete with all of the relevant Directives of EC Declaration of Conformity. The Manufacturer should be responsible for the internal production control so that the products complied with the essential requirements of the above mentioned Directive(s). Certificate holder must notify all changes to the original certification laboratory of HUAKE.



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