

深圳市冰锋电子科技有限公司

SHENZHENBINGFENGELECTRONICS CO., LTD

样 品 承 认 书

SAMPLE FOR APPROVAL

客户名称(Customer) : _____

承认编号(SPEC No.) : 20260910001

品名规格(Model No.) : DFS922512H-5F

样品单号 (Sample NO.): SP20260901001

送样日期 (Date) : 2026.09.10

送样数量(Quantity): 2 PCS

签 核:

承 办	审 核	核 准
曹 丹	刘 长 征	潘 领

※ 如贵公司已承认样品,烦请于承认书内签名盖章,并请回签一份. 谢谢!

公司发行章

客户承认章

公司地址: 深圳市龙华区观澜街道牛湖社区君新路 137 号二楼

版次 Version	变更履历 description	日期 Date
A	新版发行	2026.09.10

A. 一般规格(General Specification)

项目(Item)		规格/条件(Specification/Condition)																											
A-1	型号(Model No.)	DFS922512H-5F																											
A-2	外型尺寸(Outline Dim)	90*90*25mm																											
A-3	额定电压(Rated Voltage)	DC 12V																											
A-4	操作电压(Operating Voltage)	DC7-13.5V																											
A-5	启动电压(Starting Voltage)	≤5V (ON/OFF)																											
A-6	额定电流(Rated current)	≤0.31A	a. 25℃, 65%R.H b. 自由空气(Free Air) c. 额定电压(Rating voltage) d. 5分钟(After 5 Minutes)																										
A-7	消耗功率 (Power consumption)	3.72W																											
A-8	转速(Speed)	4000RPM ±10%																											
A-9	最大风量(Max.Airflow)	57.94CFM																											
A-10	最大静压((Max.Static Pressure)	5.33mmH2O	a. AMCA标准 Standard b. 额定电压(Rated voltage) c. 额定电流(Rated current)																										
A-11	噪音(Noise level)	42.75dB-A	a. 额定电压(Rated voltage) b. 无回响室测试 (Measured in aNon-Echo Chamber)																										
A-12	寿命(Life expectancy)	50000Hrs at 25℃/65%	MTTF Mean Time to Failure Conf.Lever 90%																										
A-13	极数(No. of Pole)	4极																											
A-14	扇叶数 No.of Blade	7 叶																											
A-15	运转方向 (Rotating direction)	逆时针	从扇叶面方向看																										
A-16	锁住保护 (Lock protection)	有 YES																											
A-17	极性保护 (Polarity protection)	有 YES																											
A-18	过压保护 (Over voltage protection)	无 NO																											
A-19	过流保护 (Over current protection)	无 NO																											
A-20	软启动 (Soft start)	无 NO																											
A-21	PWM功能 (PWM function)	无 NO																											
A-22	PQ曲线 PQ curve	<table><caption>P-Q Curve Data Points (Approximate)</caption><thead><tr><th>Q_STP (CFM)</th><th>P_STP (mm.Aq)</th></tr></thead><tbody><tr><td>0.0</td><td>5.5</td></tr><tr><td>5.0</td><td>5.0</td></tr><tr><td>10.0</td><td>4.5</td></tr><tr><td>15.0</td><td>3.8</td></tr><tr><td>20.0</td><td>3.5</td></tr><tr><td>25.0</td><td>3.2</td></tr><tr><td>30.0</td><td>2.5</td></tr><tr><td>35.0</td><td>2.2</td></tr><tr><td>40.0</td><td>2.0</td></tr><tr><td>45.0</td><td>1.8</td></tr><tr><td>50.0</td><td>1.2</td></tr><tr><td>55.0</td><td>0.0</td></tr></tbody></table>		Q_STP (CFM)	P_STP (mm.Aq)	0.0	5.5	5.0	5.0	10.0	4.5	15.0	3.8	20.0	3.5	25.0	3.2	30.0	2.5	35.0	2.2	40.0	2.0	45.0	1.8	50.0	1.2	55.0	0.0
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B. 电气规格 (Electronical specification)

项目(Item)		规格/条件(Specification/Condition)
B-1	防水等级 waterproof level	IPX0
B-2	绝缘阻抗 Insulation Resistance	10MΩ/裸线与外框间测量,600VDC/min. (10MΩ/b/w unshielded wire and frame at 600VDC/min.)
B-3	绝缘耐压 Dielectric Strength	5mA Max./导线与外框间测量,500VAC/min. (5 mA Max./Measured b/w lead wire(+) and frame at 500VAC/min.)

C. 主要材料/零件规格 (Main Materials/Parts Specification)

项目(Item)		规格/条件(Specification/Condition)			
C-1	外框 (Frame)	A.PBT (Black)			
C-2	扇叶(Impeller)	B.PBT (Black)			
C-3	轴承 (Bearing Type)	滚珠轴承 (ball bearing)			
C-4	导线 (Lead Wire)	UL1007#26AWG 黑红黄分线,(-)Black,(+)Red ;(F)Yellow 外露长度(outside length):290±10mm			
C-5	端子 (Connector)	无端	黑	红	黄
			GND	VCC	FG
C-6	环保要求 Environmental Requiement	ROHS			

D.特性定义 (CHARACTERISTICS DEFINITION)

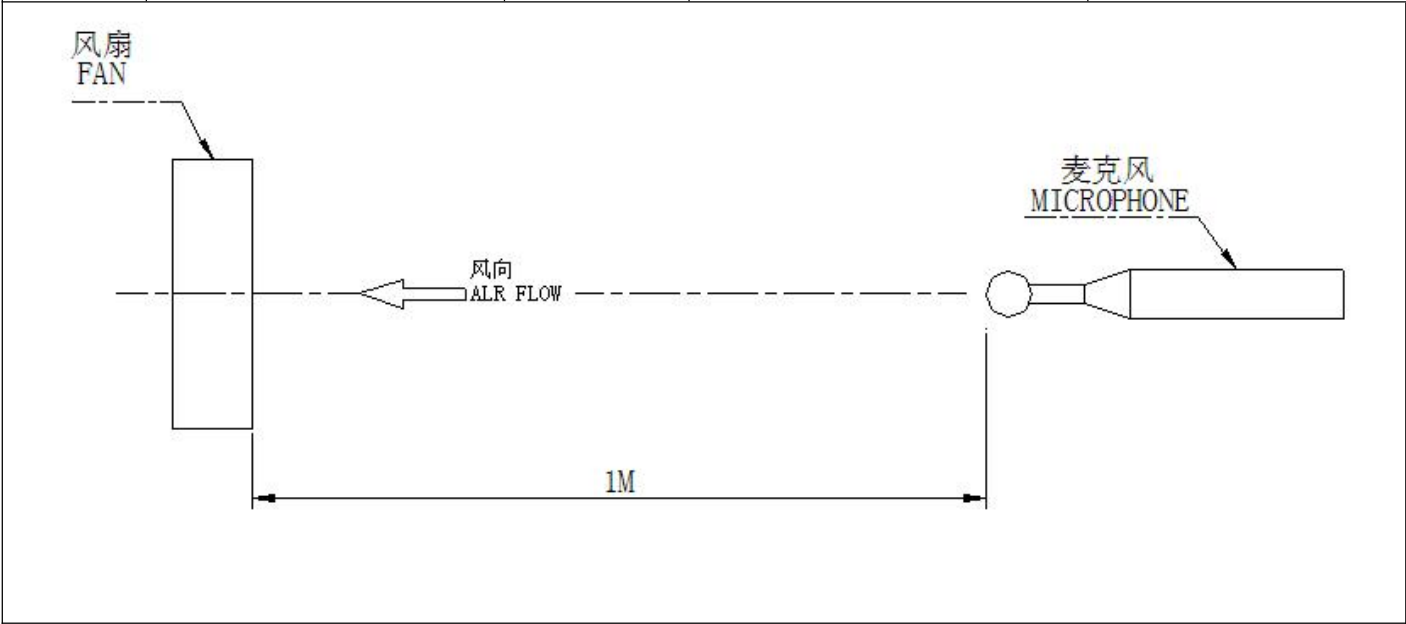
项目 (Item)		规格/条件 (Specification/Condition)
D-1	额定电流 Rated current	在温度 25℃, 相对湿度 65%的条件下, 连续以额定电压动转 30 分钟后测量出来的电流值。 Rated current shall measured after 30minutes of continuous rotation at rated voltage in clean air at 25℃.65%RH
D-2	额定速度 Rated speed	在温度 25℃, 相对湿度 65%的条件下, 连续以额定电压动转 30 分钟后测量出来的转速值。 Rated speed shall measured after 30minutes of continuous rotation at rated voltage in clean air at 25℃.65%RH
D-3	启动电压 Start Voltage	当风扇通电启动时的电压值。 The voltage that is able to star the fan to operate by suddenly witching on.
D-4	输入功率 Input power	在温度 25℃, 相对湿度 65%的条件下, 连续以额定电压动转 30 分钟后测量出来的功率值。 Input power shall measured after 30minutes of continuous rotation at rated voltage in clean air at 25℃.65%RH
D-5	噪音值 Noise level	在噪音测试房中, 放置麦克风于进风口一公尺, 并参考 ISO3744 规范测量。 The measurement of noise level is carried out with reference to ISO3744 in an anechoic chamber with the microphone one(1) meter from the air intake.Testing fan shall be hanged in clean air.
D-6	风量 Air flow	在风洞中测量每一风嘴通过风流量的大小, 取最大风嘴的流量。 Measure the size that each breeze,mouth pass air flow in wind tunnel,taking the discharge of the biggest breeze mouth.

E. 环境测试 (Environmental Specification)

项目(Item)		规格/条件(Specification/Condition)
E-1	运转温/湿度范围 (Operating Temp. Range)	温度/Temperature:-10℃ ~ 65℃ 湿度/Humidity:5% ~ 90% RH
E-2	保存温/湿度范围 (Storage Temperature)	温度/Temperature:-30℃ ~ 75℃ 湿度/Humidity:5% ~ 90% RH
E-3	绝缘阶段 Insulation Shock	UL: A 级 UL:Class A
E-4	热冲击 Thermal Shock	电气规格依据 MIL-STD 202F Method 107D Per MIL-STD 202F Method 107D,Condition D

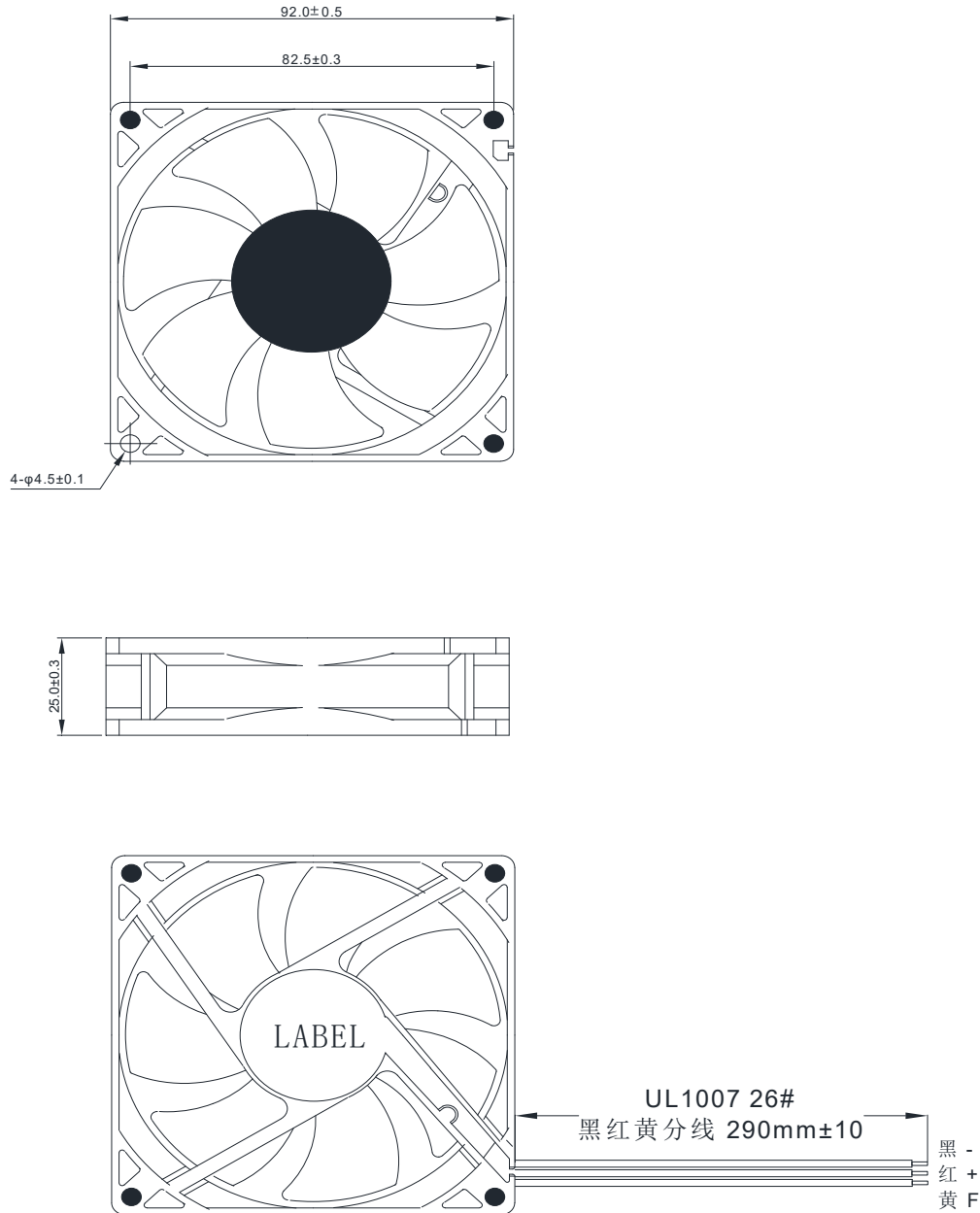
F.噪音測試 (NoiseTest)

測試結果 (Test result) dB(A)			測試條件 (Test condition)	
F-1	背景值(Background)	18 dB	a.Temp./Humid	25°C/65%



G.风扇尺寸图: (Mechanical Dimensions)

单位: 毫米 (Unit: mm)



标签:

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 intemal ciruits 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组件)

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 an in the environmet of high humidity. Please avoid storage of the fan over 6months. For long term storage, please connect power to the fan shortly every 6 months even through 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)