APPROVE SHEET

[Compliance with RoHS]

PRODUCT: DC BRUSHLESS FAN

USER NO.:_____

Parts No.: _____

Printed model number on the stick: JF0625S1S--R

JAMICON GROUP
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KAIMEI ELECTRONIC CORP. 凱美電機 承認章

APPROVED	CHECKED	DRAWN
研發部經理 2020-12-22 尤焜儀	课长 2020-12-22 邓龙军	郝文姣 2020/12/22

Records of Revision

Part No.		Customer：	
Rev	Revision Description		Date
A0	First edition		2020/12/22

1. MECHANICAL:

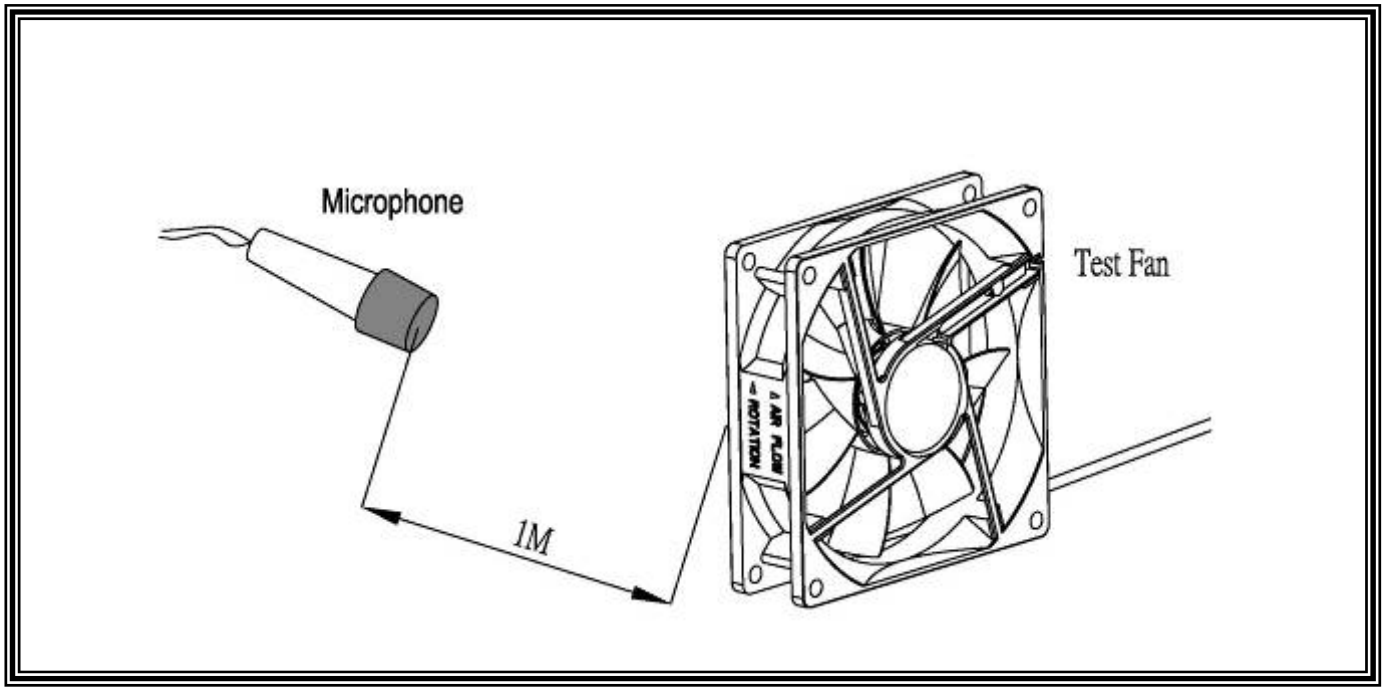
1-01	Dimension	Dimension of fan shall be shown in the outline styling drawing attached.
1-02	Motor	Four-pole motor.
1-03	Frame	Plastic material UL 94V-0 （P.B.T）
1-04	Impeller	Plastic material UL 94V-0 （P.B.T）
1-05	Free drop shock	In minute package condition, the fan should withstand each one drop of three faces from 30cm distance height onto 10 mm thickness of wooden board.

2.ELECTRICAL:25℃/65%RH

2-01	Rated current	Rated current shall be measured after 30 minutes continuous rotation at rated voltage.
2-02	Start voltage	The voltage that enable to start the fan by sudden switch on.
2-03	Rated Speed	Rated speed shall be measured after 30 minutes continuous rotation at rated voltage.
2-04	Input Power	Input power shall be measured after 30 minutes continuous rotation at rated voltage.
2-05	Lock Current	Locked current shall be measured Within one minute at rotor locked, after 30 minutes continuous rotation at rated voltage in clear air.
2-06	Insulation resistance	More than 10M ohm at 500 V.D.C between lead and housing.
2-07	Dielectric strength	Measured 5 mA(max) trip current at 700 V.A.C for 3 sec. between lead and housing.
2-08	Locked motor protection	Designed to meet UL, CUL and TUV.
DO NOT use power or ground PWM to control the fan speed.If the fan speed needs to be adjusted,please contact JAMICON to customize the product design for your application.		

3.CHARACTERISTICS:

3-01	**Air Flow & Static Pressure**	**The air flow data and static pressures should be determined in accordance with AMCA standard or DIN24163 specification in a double- chamber testing with intake-side measurement.**
3-02	**Noise level**	**The measurement of noise level is carried out with reference to DIN 45635 in an echoic chamber with the microphone positioned 1 M from the air intake. Testing fan shall be hung in clean air.**



4.ENVIRONMENTAL:

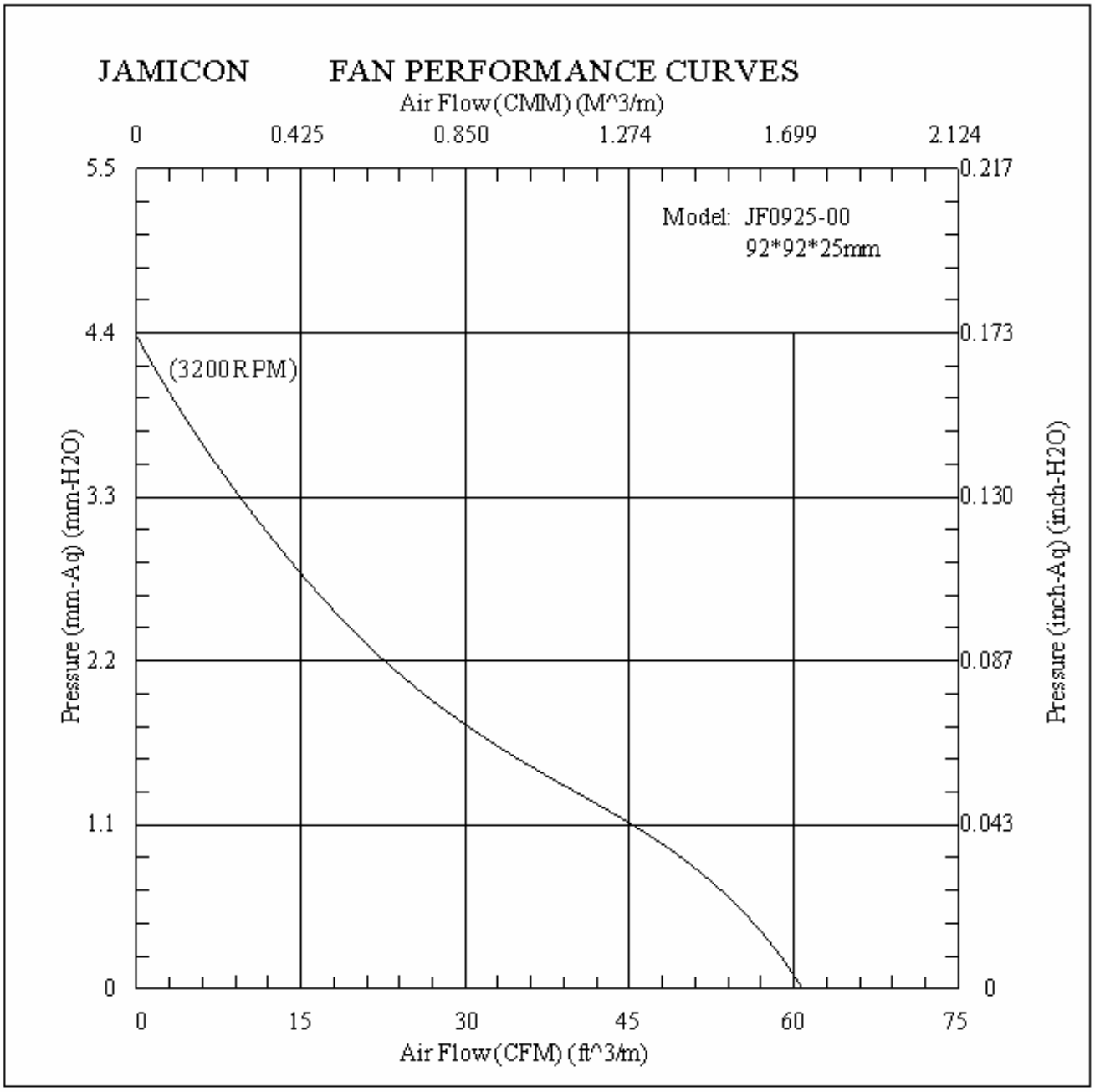
4-01	**Operating temperature**	**-10℃ to 60℃ (ordinary humidity)**
4-02	**Storage Temperature**	**-40℃ to 70℃ (ordinary humidity)**
4-03	**Humidity**	**After 96 hrs, 95% RH 40±2℃per MIL-STD-202F method 103B, Humidity test , The measured data of insulation resistance & dielectric strength should meet the specification listed in attach.**
4-04	**Thermal Shock**	**After thermal shock test per MIL-STD-202F method 107D, Condition D, The measured data of insulation resistance & dielectric strength should the specification.**

5. DATA-SHEET:
PARTS NO.:
SAP NO.:
5-1. SPECIFICATION:

NO.	ITEM	SPECIFICATION	UNIT	CONDITION(25℃)
5-1-01	Dimension	92*92*25	mm	----------
5-1-02	Bearing	Sleeve	---------	----------
5-1-03	Rated Voltage	12.0	VDC	----------
5-1-04	Operating Voltage	6.0 ~ 13.8	VDC	MAX. 13.8V
5-1-05	Start Voltage	6.0	VDC	On/off test max.
5-1-06	Speed	3200	R.P.M	±10%,At rated Voltage
5-1-07	Input Current	0.31	Amp	At rated Voltage
5-1-08	Input Power	3.72	Watt	At rated Voltage
5-1-09	Nominal Current	0.32	Amp	At rated Voltage
5-1-10	Air Flow	60.75	CFM	At 0 static Pressure of rated speed
5-1-11	Static Pressure	0.172	inchH_2O	At 0 air flow of rated speed
5-1-12	Noise	38.9	dBA	At rated speed
5-1-13	Life Expectancy(L10)	25,000	Hours	At 25℃ (Bearing)
5-1-14	Motor protection	Impedance protected		
5-1-15	Polarity protection	It will not damage the fan while reverse input.		
5-1-16	Auto Restart	NO	--------	----------
5-1-17	Speed Signal output	NO	--------	----------
5-1-18	Alarm Signal output	NO	--------	----------
5-1-19	Rotation direction	From the label side	--------	Clockwise
5-1-20	Weight	81	Gram	Per each piece
5-1-21	Safety Certificate	UL, CUL, TUV, CE	--------	----------

5-2. LEAD WIRE:

NO.	ITEM	SPECIFICATION			
5-2-01	AWG NO. & Authorize	24AWG，UL1007(the end of wire with tin as drawing)			
5-2-02	Color	—	+		
		Black	Red		
5-2-03	Line Length	300±10 mm			
5-2-04	Connector	Notes as: Not available.			
5-2-05	Tube	NO			


JAMICON
FAN PERFORMANCE CURVES
Air Flow(CMM) (M^3/m)
0
0.425
0.850
1.274
1.699
2.124
5.5
4.4
3.3
2.2
1.1
0
0.217
0.173
0.130
0.087
0.043
0
Model: JF0925-00
92*92*25mm
(3200RPM)
Pressure (mm-Aq) (mm-H2O)
Pressure (inch-Aq) (inch-H2O)
0
15
30
45
60
75
Air Flow(CFM) (ft^3/m)

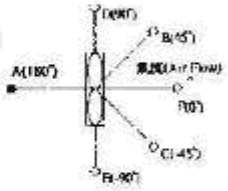
風扇振動噪音性能測試報告
(The Test Report of Fan Vibration and Noise)

風扇型號(Sample Type) : JF0925
基本規格(Properties) : DC 12V 7葉 4極 3200RPM

測試日期(Test Date) : 2005/5/17
測試編號(Test No.) : (3)

測試條件(Test Conditions)

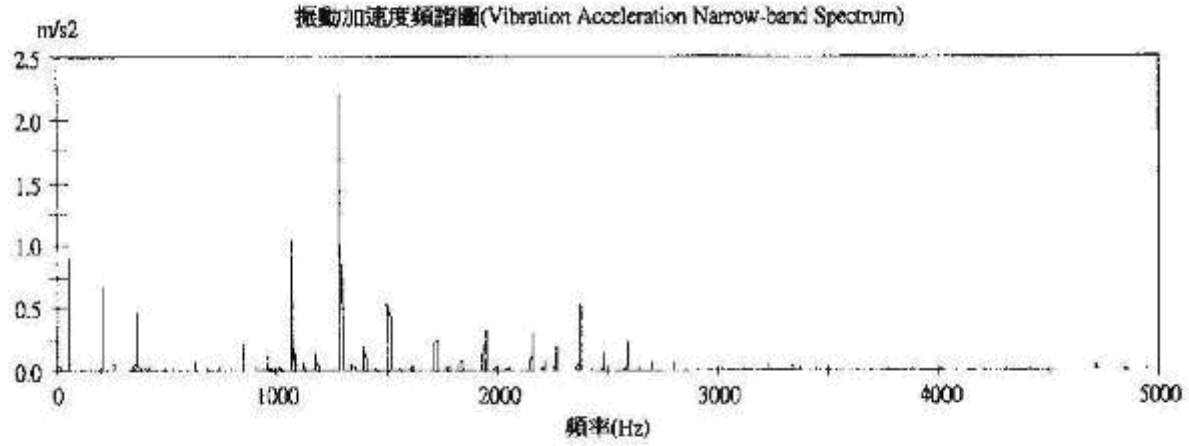
輸入電壓(Input Voltage) :	12 V
量測時間(Measuring Time) :	20 sec
麥克風距離(Mic. Distance) :	100 cm
麥克風角度(Mic. Angle) :	180°
頻域加權(Freq. Weighting) :	A
時域加權(Time Weighting) :	SLOW
背景噪音(Background Noise) :	15.0 dB(A)
溫度(Temperature) :	℃
相對濕度(Relative Humidity) :	%



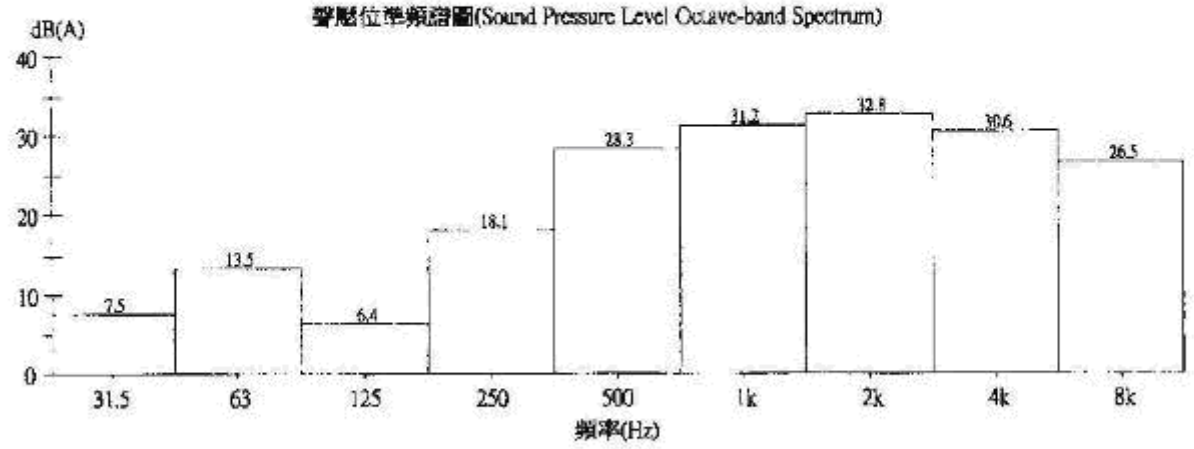
測試結果(Test Results)

電壓(Passing Voltage) :	
電流(Electric Current) :	
消耗功率(Power Dissipation) :	
轉速(Rotation Speed) :	3200 RPM
振動量(Vibration Level) (依據 ISO 2372)	
振動速度(Vib. Velocity) :	2.77 mm/sec RMS
均能聲壓位準(Time-averaged SPL, Leq) (依據 CNS 8753)	
量測點(At Meas. Point) :	38.9 dB(A)
1 米處(At 1m Point) :	38.9 dB(A)
最大聲壓位準(MaxL) :	39.3 dB(A)
最小聲壓位準(MinL) :	38.5 dB(A)

振動加速度頻譜圖(Vibration Acceleration Narrow-band Spectrum)



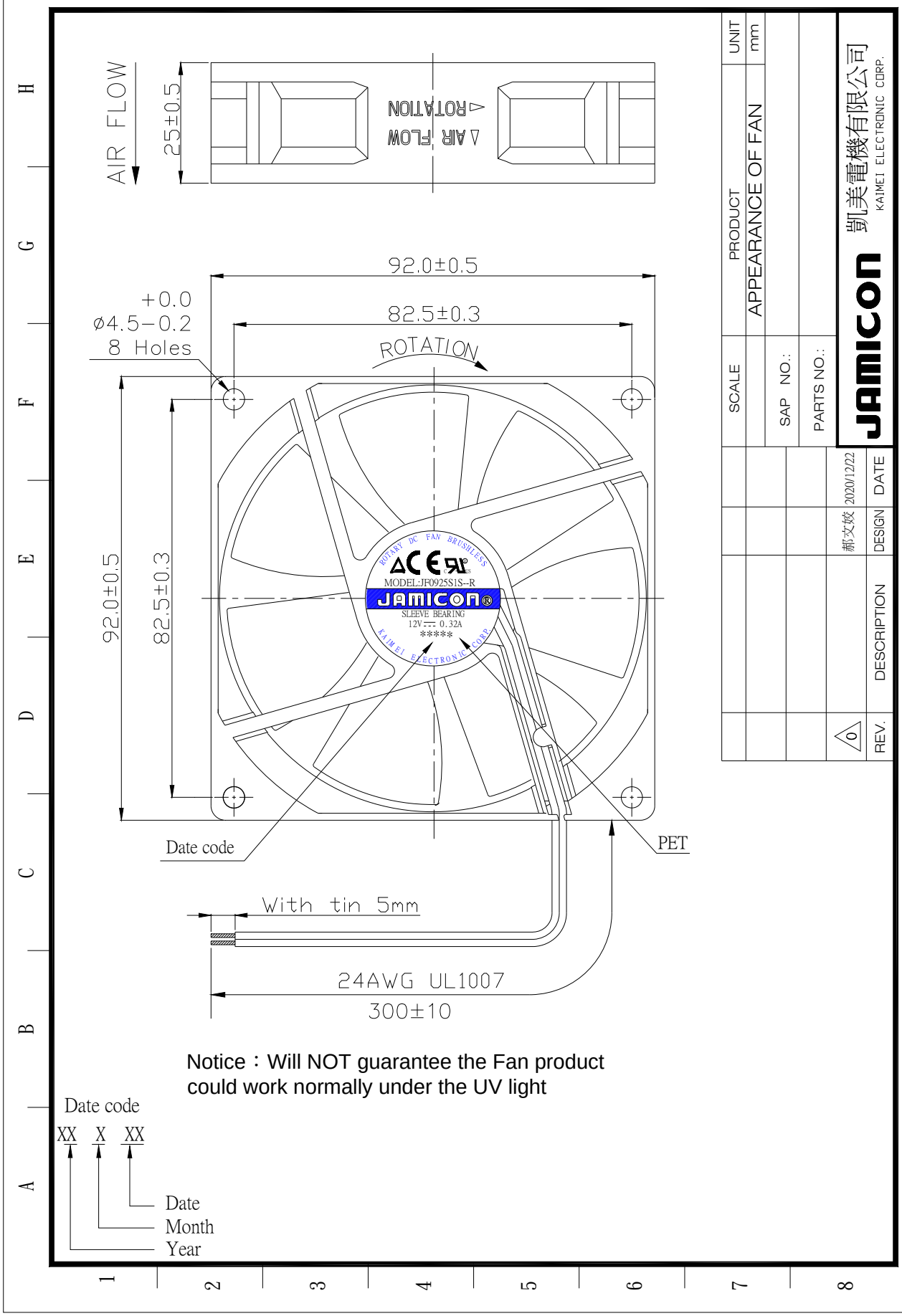
聲壓位準頻譜圖(Sound Pressure Level Octave-band Spectrum)



簽核人員 : _____

操作員 : 簽章 : _____

系統開發(Developer) : 工業技術研究院 機械工業研究所(MIRL/ITRI)



Notice：Will NOT guarantee the Fan product could work normally under the UV light

Date code

XX X XX

Date

Month

Year