

CUSTOMER: 深圳市健策电子有限公司

NO.: DF17040010

DISTRIBUTOR:
(PE48AA1)

APPROVE SHEET
[Compliance with RoHS]

PRODUCT: DC BRUSHLESS FAN

USER P/N: _____

Parts No.: JF0825S1M-081C206R

Printed model number on the stick: JF0825S1M--R

(SIGNATURE)



JAMICON GROUP
JINMICON ELECTRONIC(SHENZHEN)CO.,LTD

TEL: 0755-2812 9962

FAX: 0755-2812 9995

APPROVED	CHECKED	DRAWN
	课长 2017.4.10 邓龙军	郝文姣 2017/04/10

微信扫码
咨询工程师



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
1-04	Impeller	Plastic material UL 94V-0
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:

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.
2-09	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	

JIAN 健策

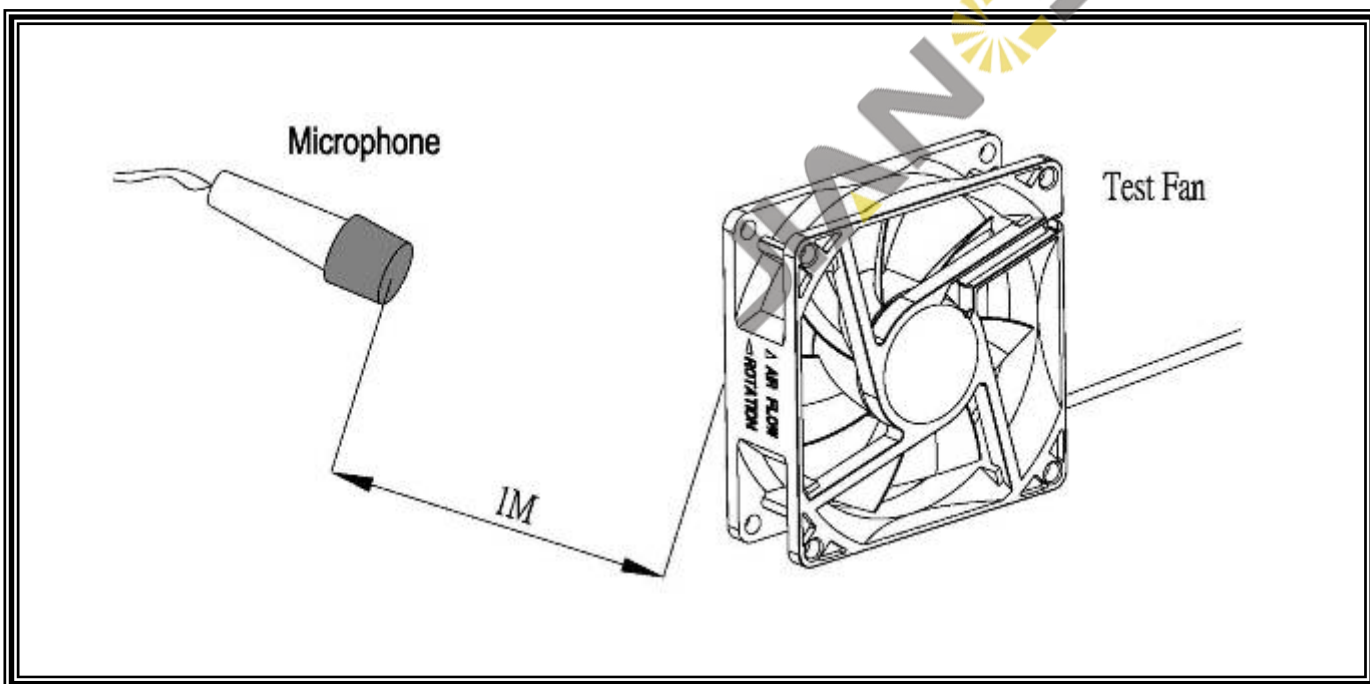
0755—23706799

微信扫码
咨询工程师



3.CHARACTERISTICS:

3-01	Air Flow & Static Pressure	The air flow data and static pressures should be determined in accordance with AMCA standard or DIN 24163 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.



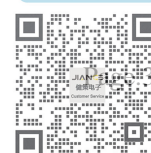
4.ENVIRONMENTAL:

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

JIAN 健策

0755—23706799

微信扫码
咨询工程师



5.DATA-SHEET:

MODEL: JF0825S1M-081C206R

5-1. SPECIFICATION:

NO.	ITEM	SPECIFICATION	UNIT	CONDITION
5-1-01	Dimension	80*80*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	2500	R.P.M	±10%,At rated Voltage
5-1-07	Input Current	0.13	Amp	At rated Voltage
5-1-08	Input Power	1.56	Watt	At rated Voltage
5-1-09	Nominal Current	0.15	Amp	At rated Voltage
5-1-10	Air Flow	32.52	CFM	At 0 static Pressure of rated speed
5-1-11	Static Pressure	0.099	inchH ₂ O	At 0 air flow of rated speed
5-1-12	Noise	27.8	dBA	At rated speed
5-1-13	Life Expectancy(L10)	30,000	Hours	At 25°C (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	70	Gram	Per each piece
5-1-21	Safety Certificate	UL, CUL, TUV, CE	-----	-----
5-1-22	IP Rating			

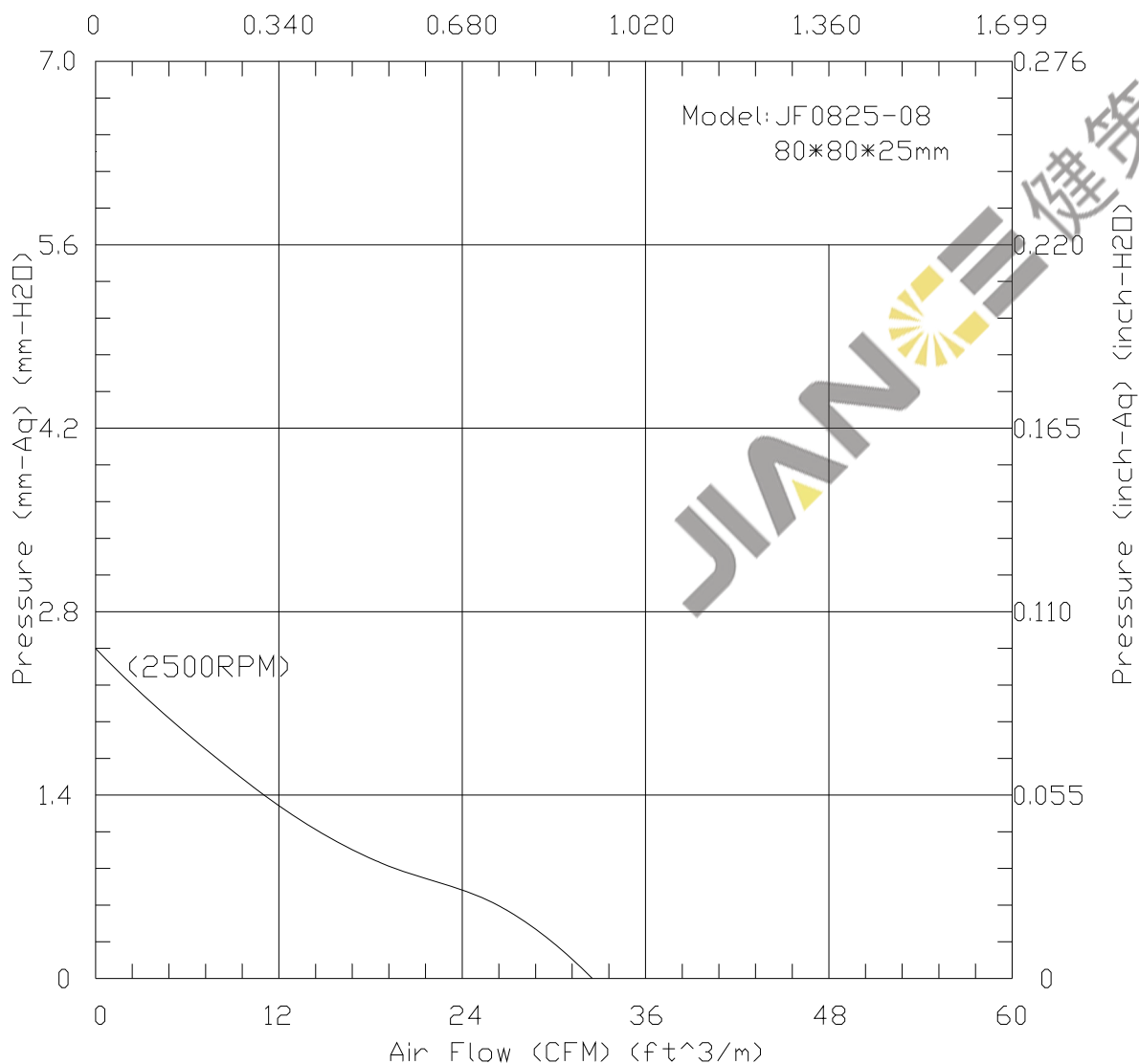
5-2. LEAD WIRE:

NO.	ITEM	SPECIFICATION			
5-2-01	AWG NO. & Authorize	24AWG, UL1007			
5-2-02	Color	—	+		
		Black	Red		
5-2-03	Line Length	350±10mm			
5-2-04	Connector	Notes as: Pitch:2.5mm Housing: JST XHP-2 or compatible parts.			
5-2-05	Tube	NO			



JAMICON FAN PERFORMANCE CURVES

Air Flow (CMM) (M³/m)



JIAN 健策

JIAN 健策

0755—23706799

KAIMEI ELECTRONIC CORP.

微信扫码
咨询工程师



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) : **JF0825S1M**

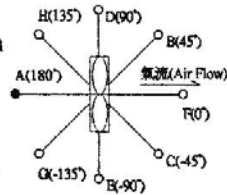
基本規格(Properties) : DC 12V 7葉 4極 2500RPM

測試日期(Test Date) : 2002/9/6 PM 05:34:18

測試編號(Test No.) : (1)

測試條件(Test Conditions)

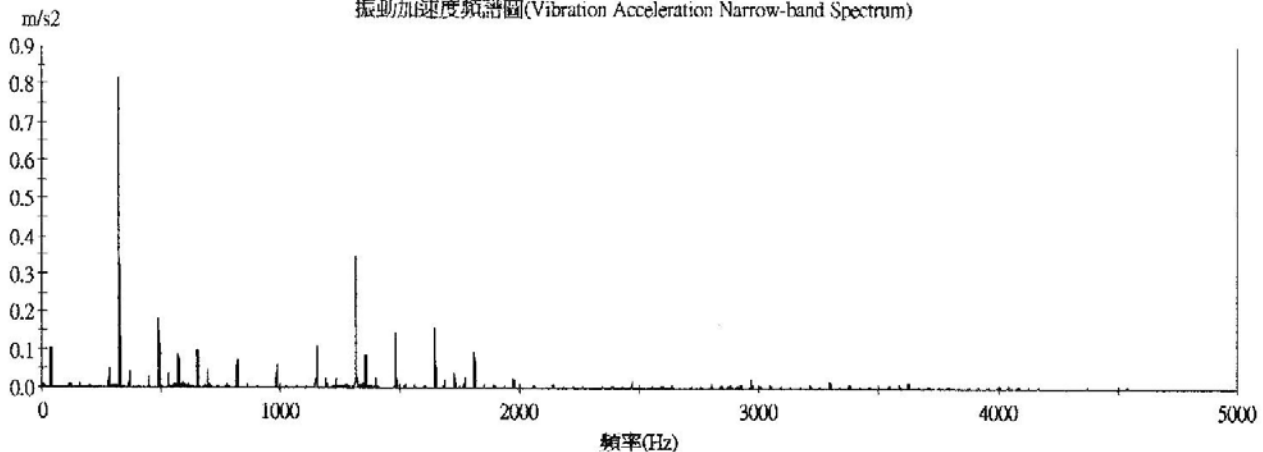
輸入電壓(Input Voltage) : 12 V
 量測時間(Measuring Time) : 20 sec
 麥克風距離(Mic. Distance) : 100 cm
 麥克風角度(Mic. Angle) : 180°
 頻域加權(Freq. Weighting) : A
 時域加權(Time Weighting) : SLOW
 背景噪音(Background Noise) : 15.0 dB(A)
 溫度(Temperature) : °C
 相對濕度(Relative Humidity) : %



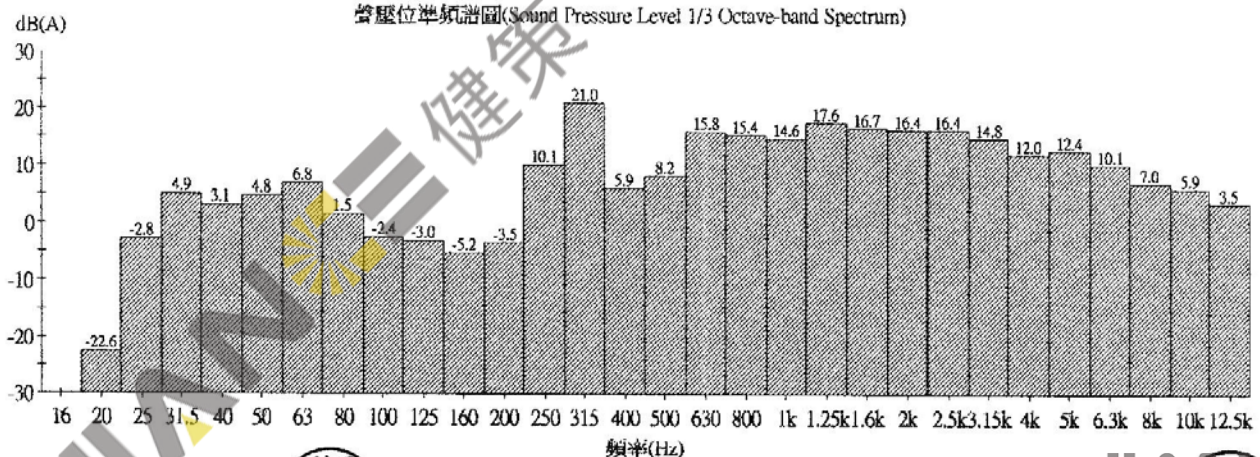
測試結果(Test Results)


電壓(Passing Voltage) :
 電流(Electric Current) :
 消耗功率(Power Dissipation) :
 轉速(Rotation Speed) : **2500 RPM**
 振動量(Vibration Level) (依據 ISO 10816-1)
 振動速度(Vib. Velocity) : **0.59 mm/sec RMS**
 均能聲壓位準(Time-averaged SPL, Leq) (依據 CNS 8753)
 量測點(At Meas. Point) : **27.3 dB(A)**
 1 米處(At 1m Point) : **27.0 dB(A)**
 最大聲壓位準(MaxL) : **28.0 dB(A)**
 最小聲壓位準(MinL) : **25.4 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 1/3 Octave-band Spectrum)



簽核人員(Signatory) : 

操作員(Operator) : Sam-Liao 簽章(Signature) :  0755-23706799

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

2002/9/6 微傳網
諮詢工程師

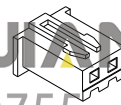
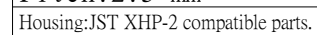
KAIMEI ELECTRONIC CORP.





JAMICON

DESIGN	DATE
--------	------

DESCRIPTIONREV

0755—23706799

