

CUSTOMER: Ropla  
DISTRIBUTOR:  
(PE48AA1)

NO.: TC6B005(1)

**APPROVE SHEET**  
[ Compliance with RoHS ]

PRODUCT: AC FAN

USER P/N: \_\_\_\_\_

Parts No.: JA0825H2B010N-T-R

Printed model number on the stick: JA0825H2B0N

(SIGNATURE)

JAMICON GROUP  
KAIMEI ELECTRONIC CORP.

	CHECKER	DESIGNER

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## 1. MECHANICAL:

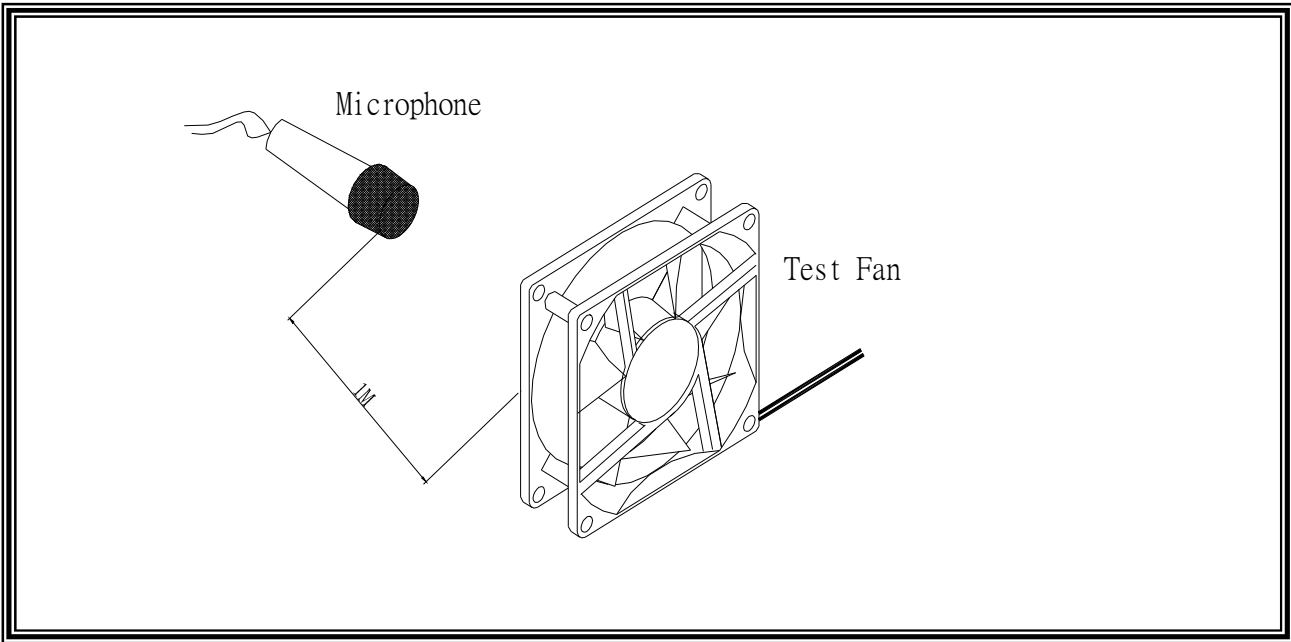
1-01	Dimension	Dimension of fan shall be shown in the outline styling drawing attached.
1-02	Motor	Two-pole shaded pole induction motor.
1-03	Frame	Aluminum alloy, painted black .
1-04	Impeller	Retardant thermoplastic in black color, rated UL94V-0.
1-05	Free drop shock	In minute package condition, the 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 100M ohm at 500 V.D.C between lead and housing.
2-07	Dielectric strength	Measured 0.5 mA(max) trip current at 1500 V.A.C for 1 sec. between lead and housing.
2-08	Locked rotor protection	Impedance protected or thermal protected.

### 3.CHARACTERISTICS:

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

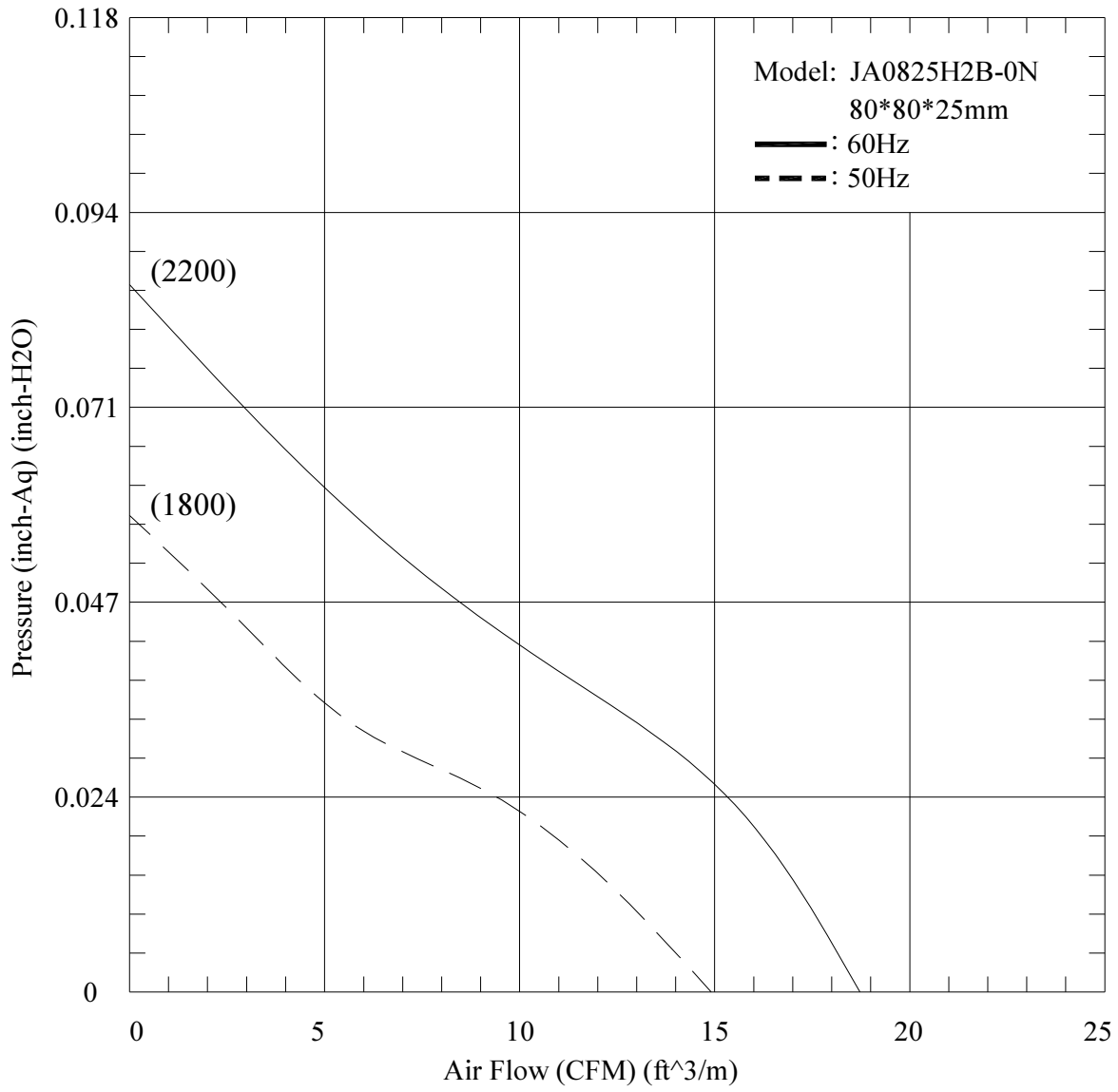
4-01	Operating temperature	-10°C to 70°C (ordinary humidity).
4-02	Storage Temperature	Will satisfy performance standard after 500 hours storage at -40°C to 70°C (ordinary humidity).
4-03	Humidity	After 96 hrs, 95% RH 40±2°C per MIL-STD-202F method 103B, Humidity test , The measured data of insulation 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:****MODEL: JA0825H2B010N-T-R****5-1. SPECIFICATION:**

NO.	ITEM	SPECIFICATION	UNIT	CONDITION
5-1-01	Dimension	80*80*25	mm	-----
5-1-02	Bearing	Dual Ball	-----	-----
5-1-03	Rated Voltage	230	VAC	-----
5-1-04	Operating Voltage	161-242	VAC	-----
5-1-05	Start Voltage	161	VAC	On/off test
5-1-06	Frequency	50/60	Hz	-----
5-1-07	Speed	1800/2200	R.P.M	±10% ,At rated Voltage
5-1-08	Input Power	10/8	Watt	At rated Voltage
5-1-09	Nominal Current	0.05	Amp	At rated Voltage
5-1-10	Air Flow	14.91/18.72	CFM	At 0 static Pressure of rate speed
5-1-11	Static Pressure	0.059/0.087	inchH <sub>2</sub> O	At 0 air flow of rated speed
5-1-12	Noise	19.7/23.1	dBA	At rated speed
5-1-13	Life Expectancy	50,000	Hours	At 25℃&RH65%
5-1-14	Motor protection	Impedance protected		
5-1-15	Weight	195	Gram	Per each piece
5-1-16	Rotation direction	From the label side	-----	Clockwise
5-1-17	Safety Certificate	UL,CUL, TUV,CE	-----	-----

**5-2. WIRING/TERMINAL:**

NO.	ITEM	SPECIFICATION	CONDITION
5-2-01	Lead wire	NO	-----
5-2-02	Terminal	YES	2 pin terminals each=2.9*0.5mm, Pitch:7.8±0.2mm



# 風扇振動噪音性能測試報告

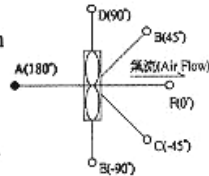
(The Test Report of Fan Vibration and Noise)

風扇型號(Sample Type): **JA0825H2B0N-50Hz**  
 基本規格(Properties): AC 230V 7葉 2極 1800RPM

測試日期(Test Date): 2006/8/12 PM 01:42:50  
 測試編號(Test No.): ( 2 )

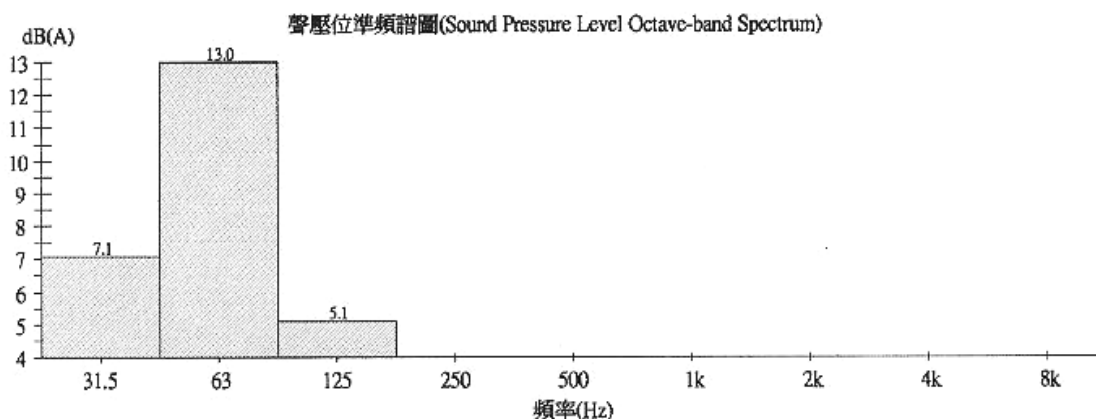
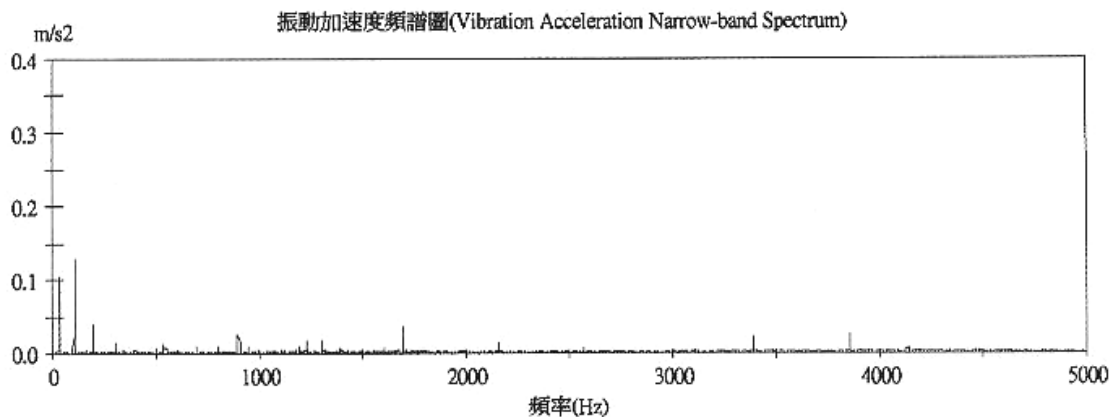
### 測試條件(Test Conditions)

輸入電壓(Input Voltage): 230 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): 1780 RPM  
 振動量(Vibration Level) (依據 ISO 2372)  
 振動速度(Vib. Velocity): 0.76 mm/sec RMS  
 均能聲壓位準(Time-averaged SPL, Leq) (依據 CNS 8753)  
 量測點(At Meas. Point): 21.0 dB(A)  
 1 米處(At 1m Point): 19.7 dB(A)  
 最大聲壓位準(MaxL): 21.4 dB(A)  
 最小聲壓位準(MinL): 20.1 dB(A)



簽核人員: \_\_\_\_\_

操作員: 簽章: \_\_\_\_\_

# 風扇振動噪音性能測試報告

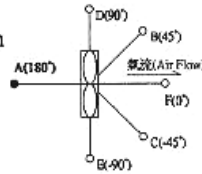
(The Test Report of Fan Vibration and Noise)

風扇型號(Sample Type) : JA0825H2B0N-60Hz  
 基本規格(Properties) : AC 230V 7葉 2200RPM

測試日期(Test Date) : 2006/8/12 PM 01:32:42  
 測試編號(Test No.) : ( 2 )

### 測試條件(Test Conditions)

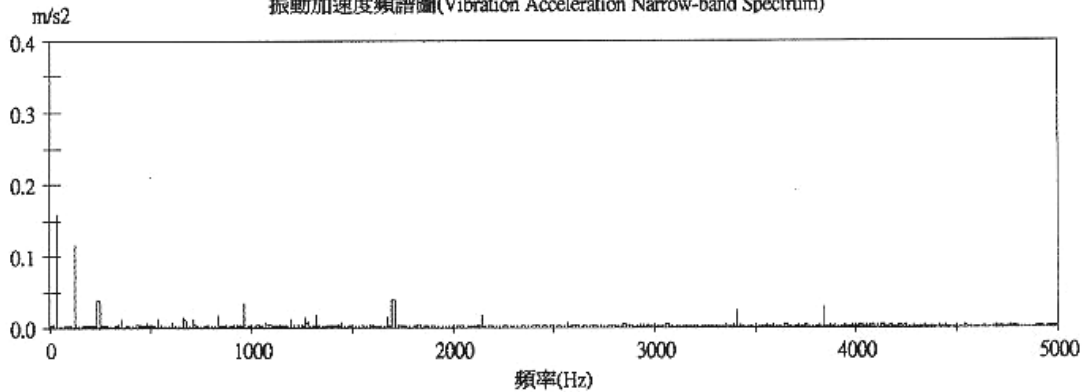
輸入電壓(Input Voltage) : 230 V  
 量測時間(Measuring Time) : 20 sec  
 麥克風距離(Mic. Distance) : 100 cm  
 麥克風角度(Mic. Angle) : 180°  
 頻域加權(Freq. Weighting) : A  
 時域加權(Time Weighting) : SLOW  
 背景噪音(Background Noise) : 15.0 dB(A)  
 溫度(Temperature) : ℃  
 相對濕度(Relative Humidity) : %



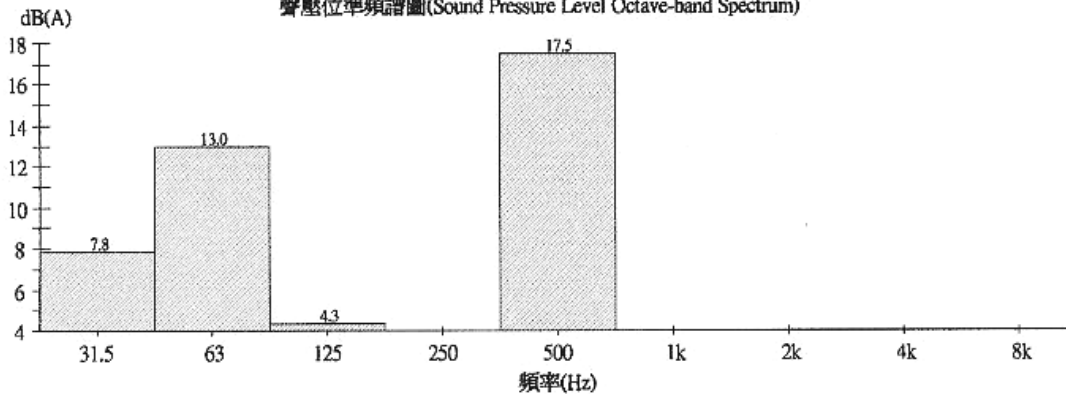
### 測試結果(Test Results)

電壓(Passing Voltage) :  
 電流(Electric Current) :  
 消耗功率(Power Dissipation) :  
 轉速(Rotation Speed) : 2211 RPM  
 振動量(Vibration Level) (依據 ISO 2372)  
 振動速度(Vib. Velocity) : 0.76 mm/sec RMS  
 均能聲壓位準(Time-averaged SPL, Leq) (依據 CNS 8753)  
 量測點(At Meas. Point) : 23.7 dB(A)  
 1 米處(At 1m Point) : 23.1 dB(A)  
 最大聲壓位準(MaxL) : 24.4 dB(A)  
 最小聲壓位準(MinL) : 21.6 dB(A)

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



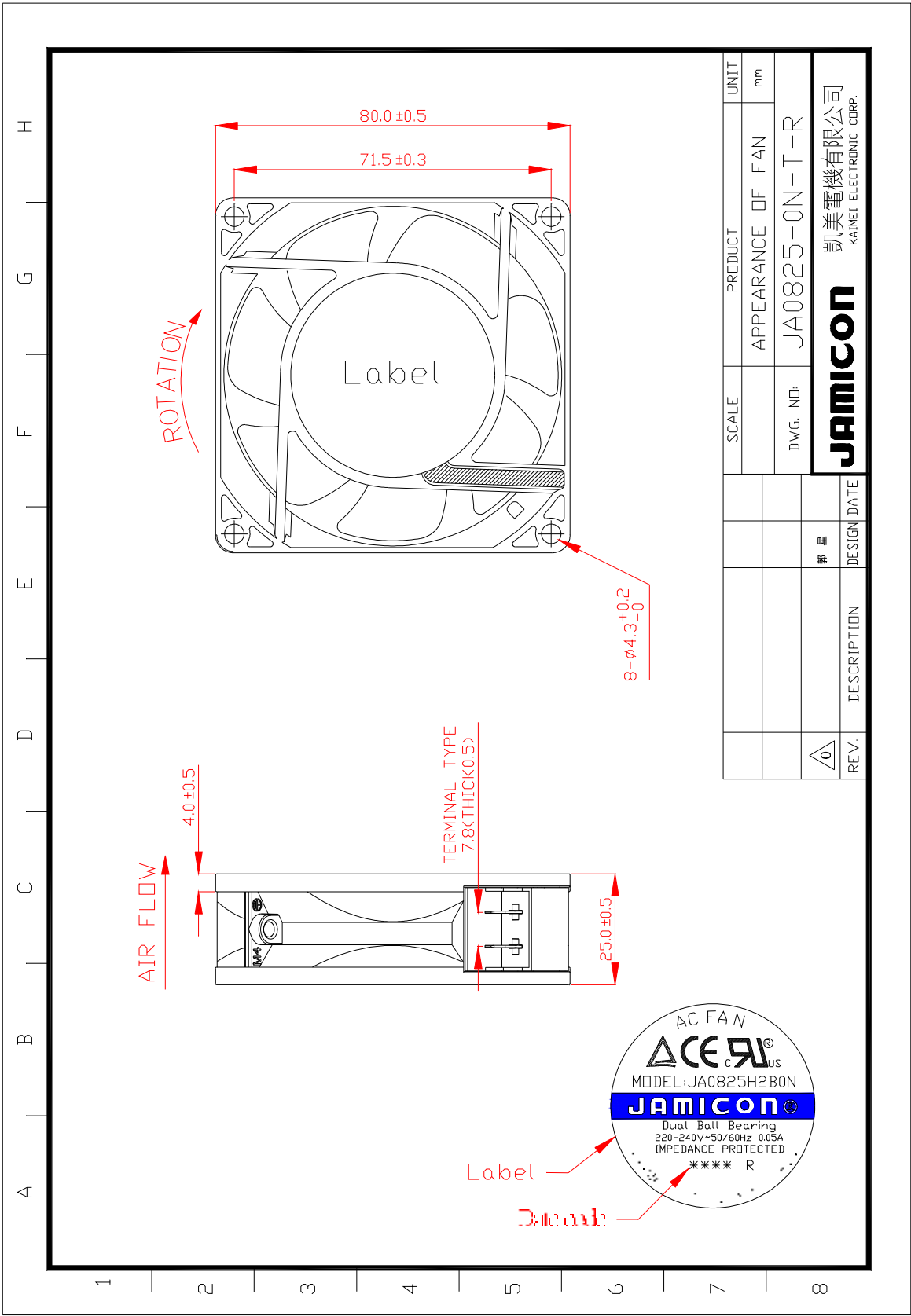
聲壓位準頻譜圖(Sound Pressure Level Octave-band Spectrum)



簽核人員 : \_\_\_\_\_

操作員 : 簽章 : \_\_\_\_\_





SCALE	PRODUCT	UNIT
	APPEARANCE OF FAN	mm
DWG. NO.	JA0825-0N-T-R	
REV.	DESCRIPTION	DESIGN DATE
0		

**JAMICON** 凱美電機有限公司  
KAMEI ELECTRONIC CORP.