

CUSTOMER: Ozdisan
DISTRIBUTOR:
(PE48AA1)

NO.: TC114011(2)

APPROVE SHEET

[Compliance with RoHS]

PRODUCT: DC BRUSHLESS FAN

USER P/N: _____

Parts No.: JF1238B2TR142-065RZ

Printed model number on the stick: SAD12038T5B

(SIGNATURE)

JAMICON GROUP
KAIMEI ELECTRONIC CORP.
TEL: 0755-2813 5359
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APPROVED	CHECKED	DRAWN
		陳金梅 2011/04/23

1. MECHANICAL:

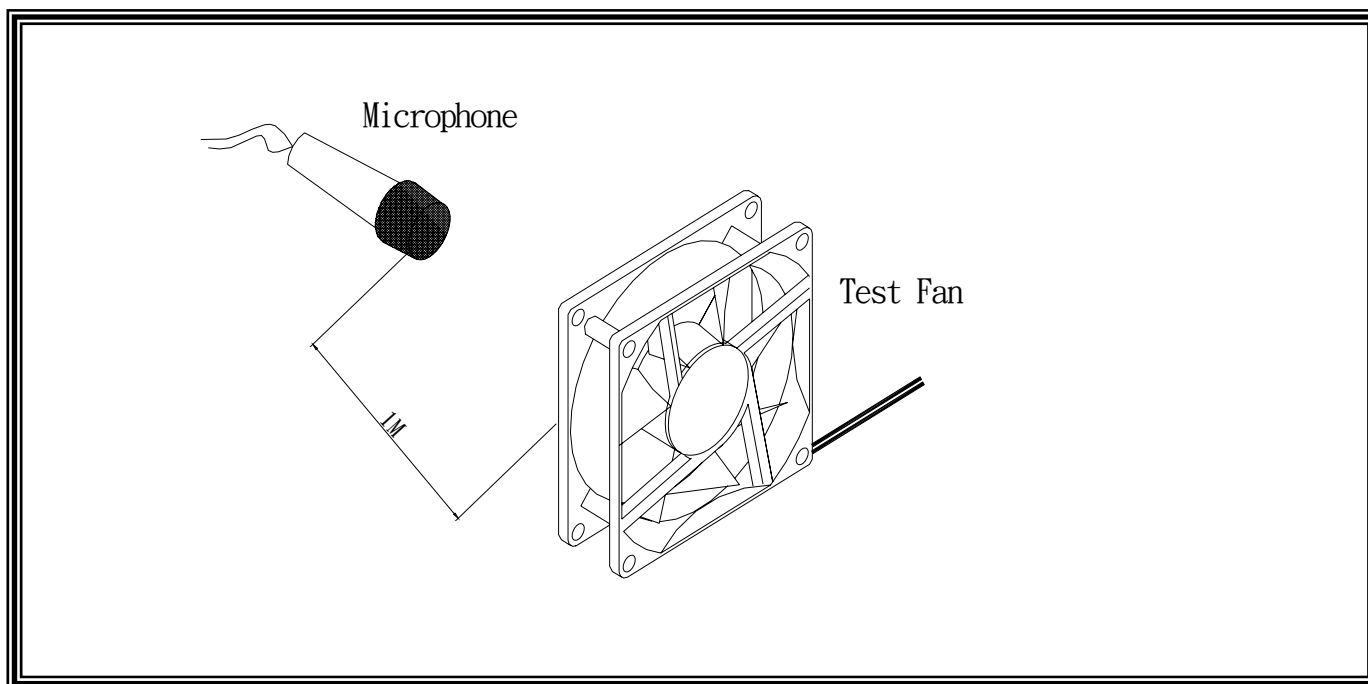
1-01	Dimension	Dimension of fan shall be shown in the outline styling drawing attached.
1-02	Motor	Four-pole motor.
1-03	Frame	Plastic material UL 94V-0 (P.B.T).
1-04	Impeller	Plastic material UL 94V-0 (P.B.T).
1-05	Free drop shock	In minute package condition, the fan should withstand each one drop of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

2.ELECTRICAL:

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.

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	-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: JF1238B2TR142-065RZ****5-1. SPECIFICATION:**

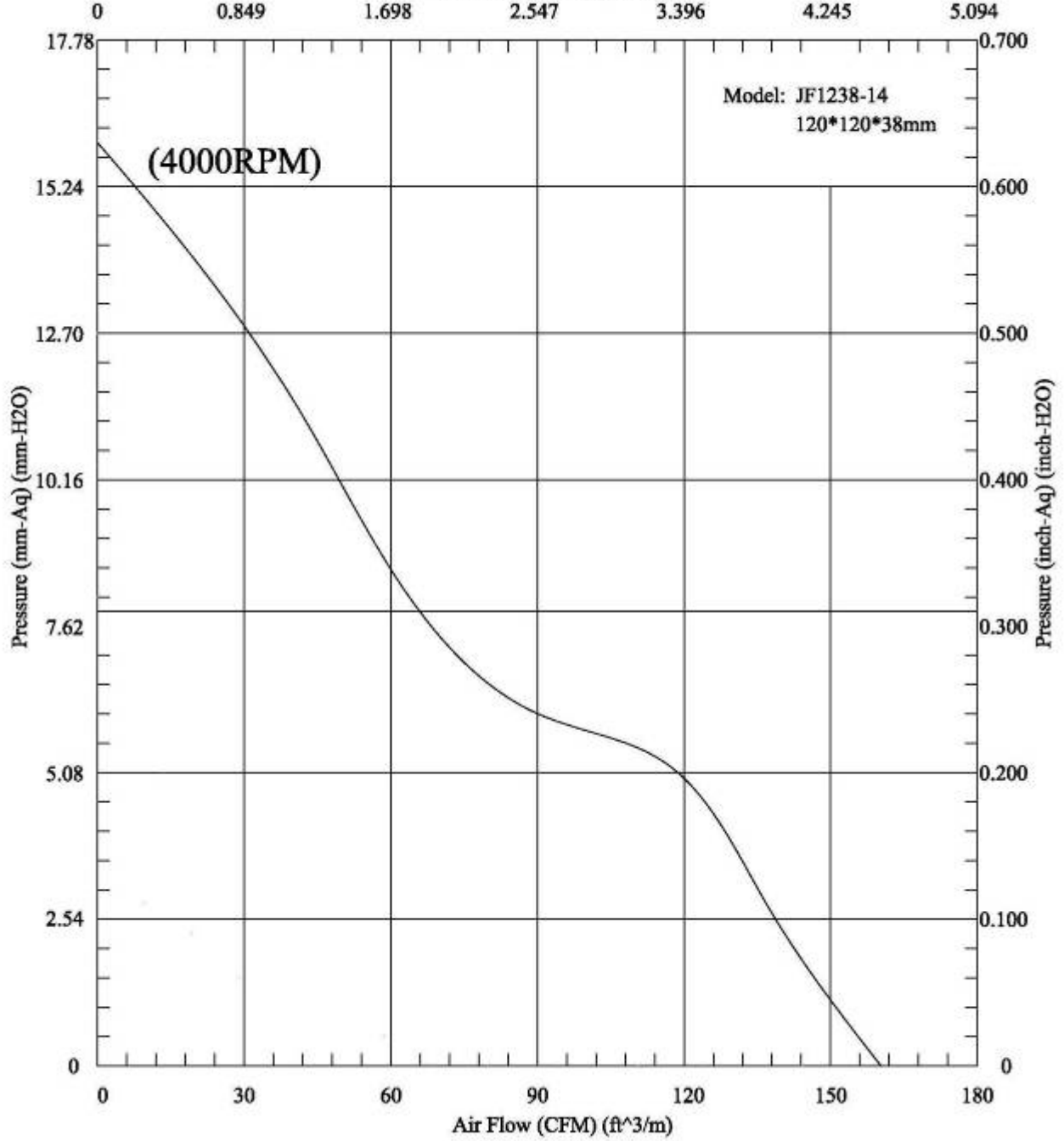
NO.	ITEM	SPECIFICATION	UNIT	CONDITION
5-1-01	Dimension	119*119*38	mm	-----
5-1-02	Bearing	Dual Ball	-----	-----
5-1-03	Rated Voltage	24.0	VDC	-----
5-1-04	Operating Voltage	12.0~13.8	VDC	-----
5-1-05	Start Voltage	12.0	VDC	On/off test
5-1-06	Speed	4000	R.P.M	±10%, At rated Voltage
5-1-07	Input Current	0.51	Amp	At rated Voltage
5-1-08	Input Power	12.24	Watt	At rated Voltage
5-1-09	Nominal Current	0.60	Amp	At rated Voltage
5-1-10	Air Flow	163.86	CFM	At 0 static Pressure of rated speed
5-1-11	Static Pressure	0.63	inchH ₂ O	At 0 air flow of rated speed
5-1-12	Noise	52.90	dBA	At rated speed
5-1-13	Life Expectancy(L10)	65,000	Hours	At 40°C
5-1-14	Motor protection	Electronic protected		
5-1-15	Polarity Protection	It will not damage the fan while reverse input.		
5-1-16	Auto Restart	YES	-----	-----
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	265	Gram	Per each piece
5-1-21	Safety Certificate	CE	-----	-----

5-2. LEAD WIRE:

NO.	ITEM	SPECIFICATION			
5-2-01	AWG NO. & Authorize	24 AWG, UL1007(The end of wire with tin as drawing)			
5-2-02	Color	=	+		
		Black	Red		
5-2-03	Line Length	240±10mm			
5-2-04	Connector	Notes as: Not available.			
5-2-05	Tube	No			

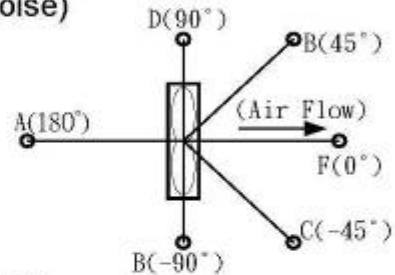
JAMICON FAN PERFORMANCE CURVES

Air Flow (CMM) (M³/m)



風扇噪音性能測試報告 (The Test Report of Fan Noise)

風扇型號(Sample Type) JF1238
 基本規格(properties) DC 12 V 7 葉 4 極
 測試日期(Test Date) 2010 年 9 月 1 日
 測試編號(Tset No.) 001
 測試設備(Test Equip) B&K 2236

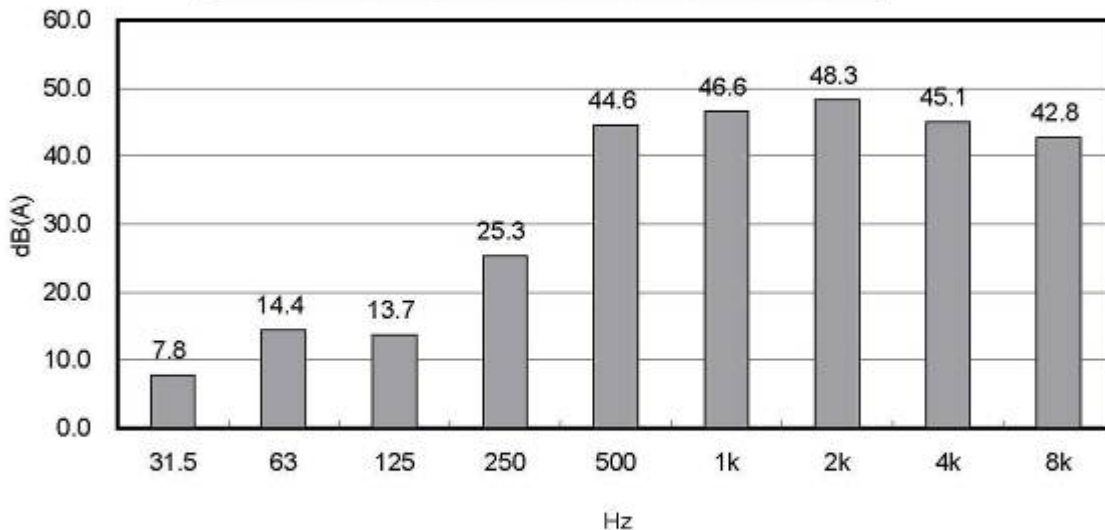


Fulfills : IEC 651-1979 TYPE1 | IEC 804-1985 TYPE 1
 ANSI S1.4-1983 TYPE S1 ANSI S1.43-199X TYPE 1

測試條件(Test Conditions)				測試結果(Test Results)	
輸入電壓(Input Voltage)	12	V	Hz	電壓(Passing Voltage)	
量測時間(Measuring Time)	20	Sec		電流(Electric Current)	
麥克風距離(Mic. Distance)	100	cm		消耗功率(Power Dissipation)	
麥克風角度(Mic. Angle)	180°			轉速(Rotation Speed)	4000 RPM
頻域加權(Freq. Weighting)	A			均態聲壓位準(Time-averaged SPL + Leq) (依據CNS 8753)	
時域加權(Time Weighting)	SLOW			量測點(At Meas. Point)	52.90 dB(A)
背景噪音(Background Noise)	15.0	dB(A)		1米處(At 1m Point)	52.90 dB(A)
溫度(Temperature)	29.1	°C		最大聲壓位準(MaxL)	52.10 dB(A)
相對濕度(Relative Humidity)	68.0	%		最小聲壓位準(MinL)	51.70 dB(A)

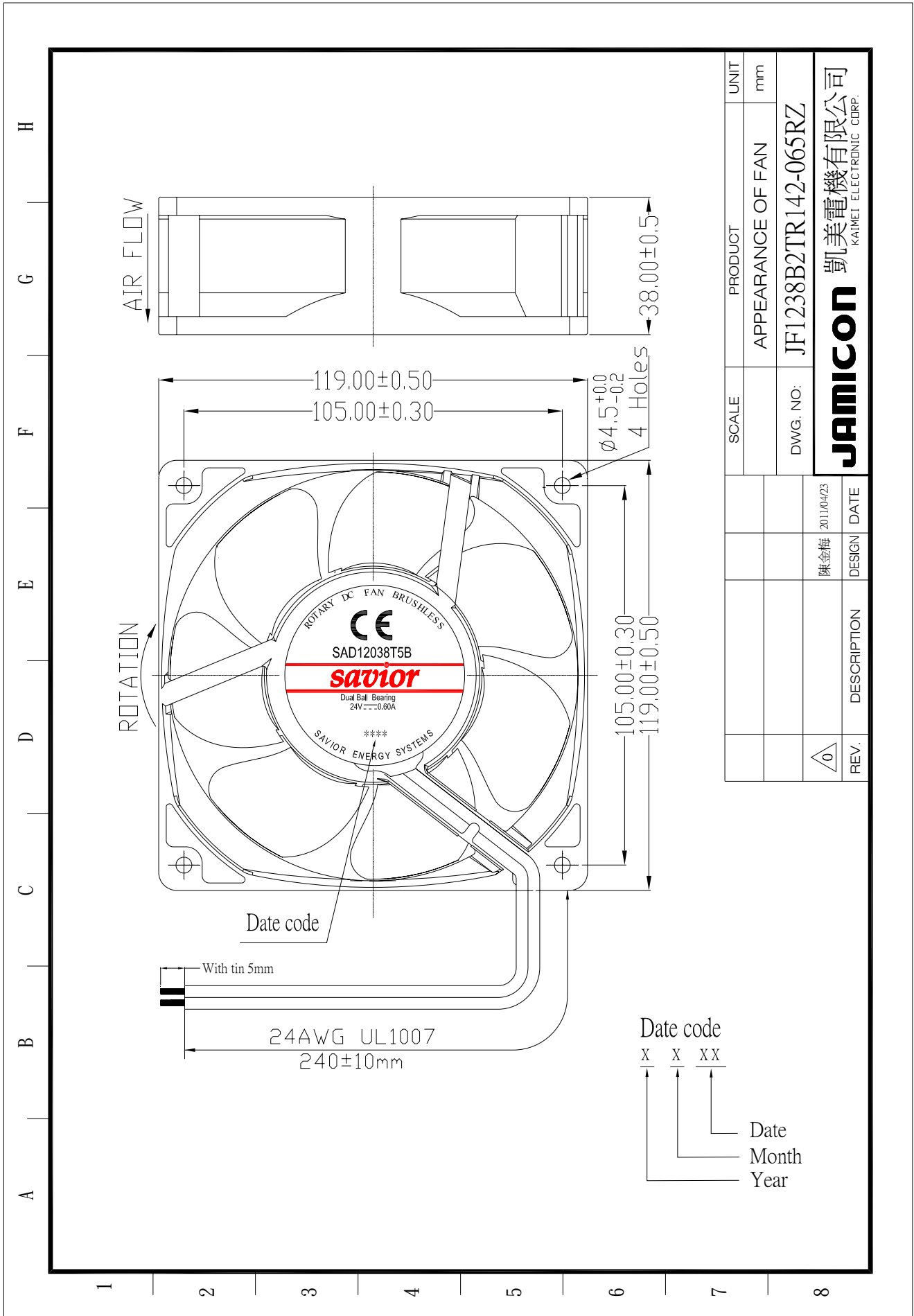
聲壓位準頻譜圖(Sound Pressure Level Octave-Band Spectrum)

頻率(Hz)	31.5	63	125	250	500	1k	2k	4k	8k
dB(A)	7.8	14.4	13.7	25.3	44.6	46.6	48.3	45.1	42.8



簽核人員：_____

操作人員：周冕寬 Huang-Kuan Chou.



SCALE	PRODUCT	UNIT
	APPEARANCE OF FAN	mm
DWG. NO:	JF1238B2TR142-065RZ	
REV.	DESCRIPTION	DATE
0		
陳金梅	DESIGN	2011/04/23
	DATE	

JAMICON
凱美電機有限公司
KAIMEI ELECTRONIC CORP.

Auto-restart

Fan motor speed

