CUSTOMER: **ROPLA**

NO.: 20050510

DISTRIBUTOR:

(PE48AA1)

APPROVE SHEET

PRODUCT: **DC BRUSHLESS FAN**

USER NO.: _____

Parts No.: JF0625H1H-011-065

Printed model number on the stick: JF0625S1H-H

(SIGNATURE)

JAMICON GROUP

KAIMEI ELECTRONIC CORP.

	CHECKER	DESIGNER
	副課长 李波	組長 胡希龍

KAIMEI ELECTRONIC (H.K.) LTD. 凱美電機 承認章

1. MECHANICAL:

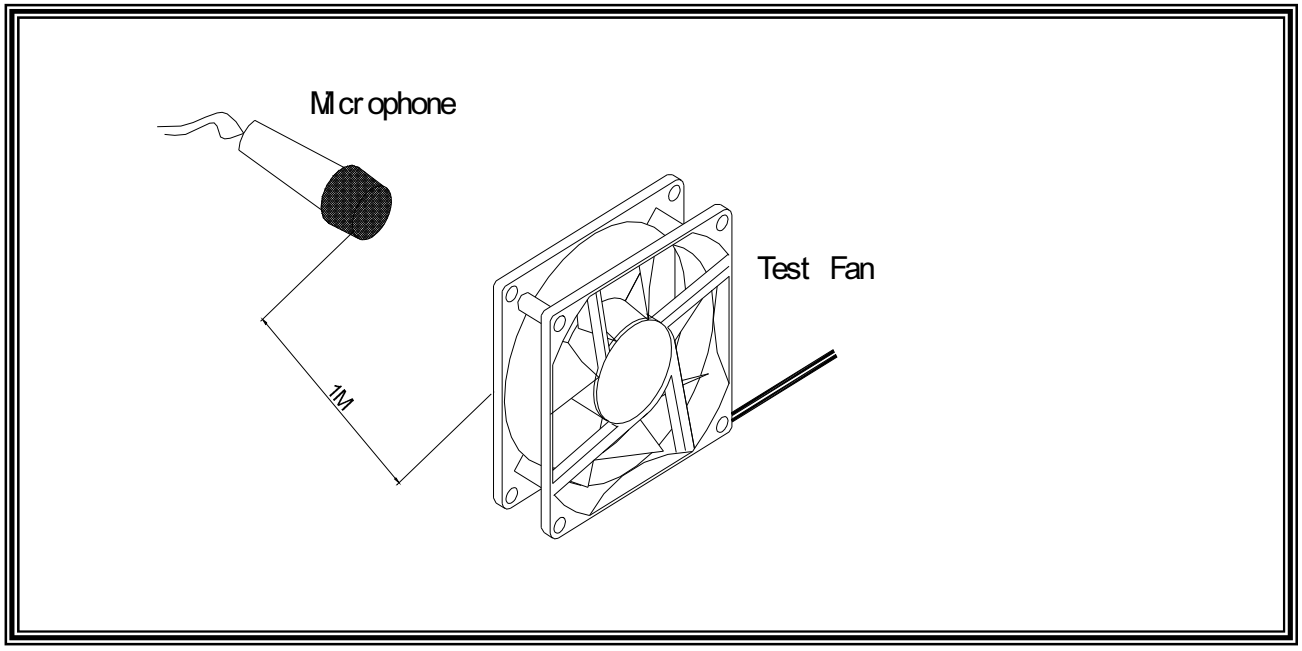
1-01	Dimension	Dimension of fan shall be shown in the outline styling drawing attached.
1-02	Motor	Four-pole motor.
1-03	Frame	Plastic material UL 94V-0 (P.B.T).
1-04	Impeller	Plastic material UL 94V-0 (P.B.T).
1-05	Free drop shock	In minute package condition, the fan should withstand each one drop of 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:

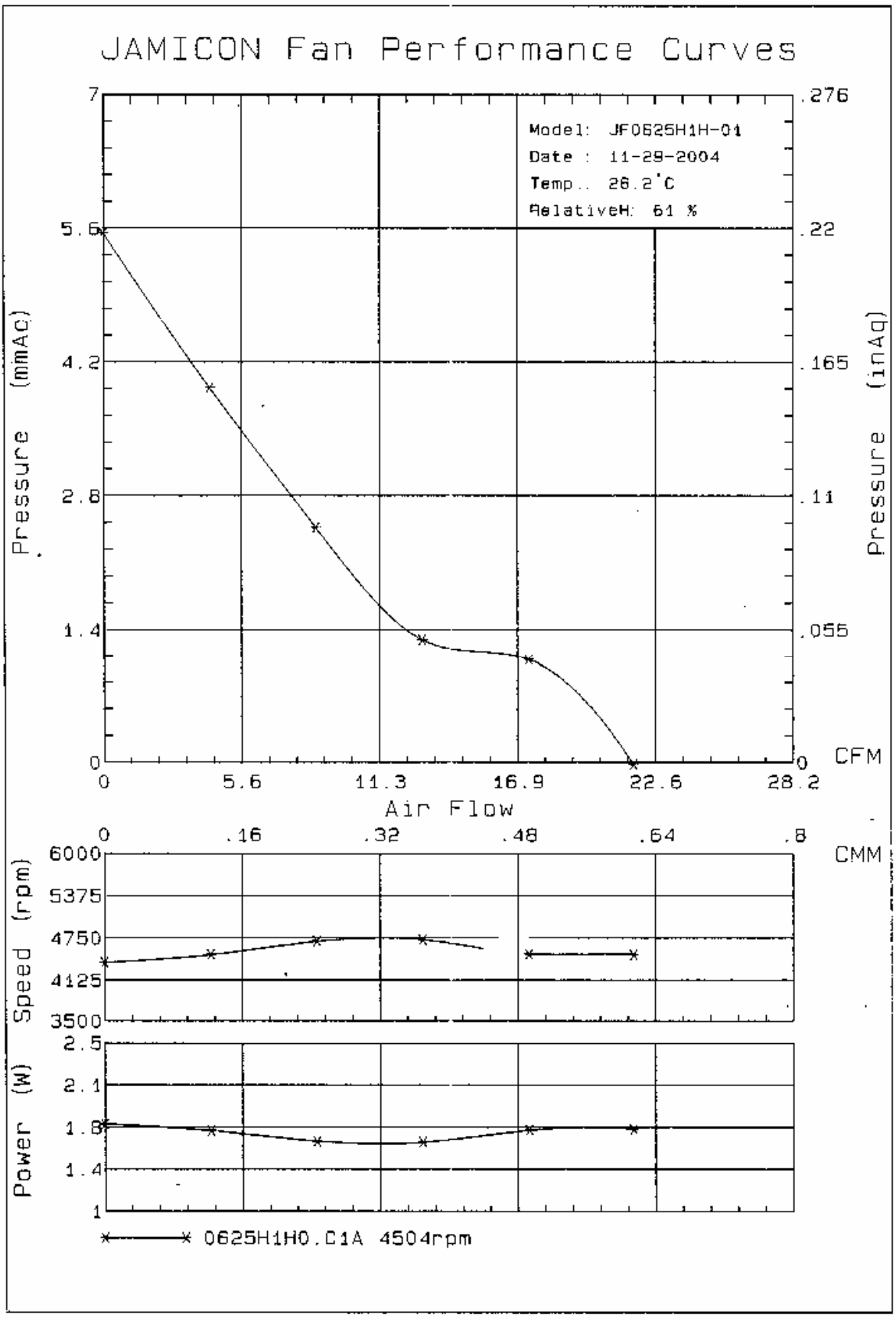
4-01	**Operating temperature**	**-10℃ to 70℃ (ordinary humidity)**
4-02	**Storage Temperature**	**-20℃ to 70℃ (ordinary humidity)**
4-03	**Humidity**	**After 96 hrs, 95% RH 40±2℃per MIL-STD-202F method 103B, Humidity test , The measured data of insulation resistance & dielectric strength should meet 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:
MODEL: JF0625H1H-011-065
5-1. SPECIFICATION:

NO.	ITEM	SPECIFICATION	UNIT	CONDITION
5-1-01	Dimension	60*60*25	mm	----------
5-1-02	Bearing	HTLS	---------	----------
5-1-03	Rated Voltage	12	VDC	----------
5-1-04	Operating Voltage	10.2~13.8	VDC	----------
5-1-05	Start Voltage	6	VDC	On/off test
5-1-06	Speed	4500	R.P.M	±10%,At rated Voltage
5-1-07	Input Current	0.14	Amp	At rated Voltage
5-1-08	Input Power	1.68	Watt	At rated Voltage
5-1-09	Nominal Current	0.23	Amp	At rated Voltage
5-1-10	Air Flow	21.70	CFM	At 0 static Pressure of rated speed
5-1-11	Static Pressure	0.219	inchH_2O	At 0 air flow of rated speed
5-1-12	Noise	33.4	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	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	65	Gram	Per each piece
5-1-21	Safety Certificate	UL, CUL, TUV, CE	--------	----------

5-2. LEAD WIRE:

NO.	ITEM	CONDITION			
5-2-01	AWG NO. & Authorize	24 AWG , UL1007			
5-2-02	Color	═	╬		
		Black	Red		
5-2-03	Line Length	270±10 mm			
5-2-04	Connector	Notes as: Not included in this lead wire.			
5-2-05	Tube	NO			


JAMICON Fan Performance Curves
Model: JF0625H1H-01
Date : 11-29-2004
Temp.. 26.2'C
RelativeH: 61 %
Pressure (mmAq)
Pressure (inAq)
CFM
CMM
Air Flow
Speed (rpm)
Power (W)
0625H1H0.C1A 4504rpm

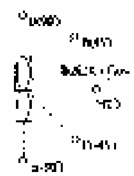
風扇振動噪音性能測試報告
(The Test Report of Fan Vibration and Noise)

風扇型號(Sample Type) : **JF0625H1H-01**
基本規格(Properties) : DC 12V 7葉 4極 4500RPM

測試日期(Test Date) : 2005/3/24 AM 09:10:48
測試編號(Test No.) : (1)

測試條件(Test Conditions)

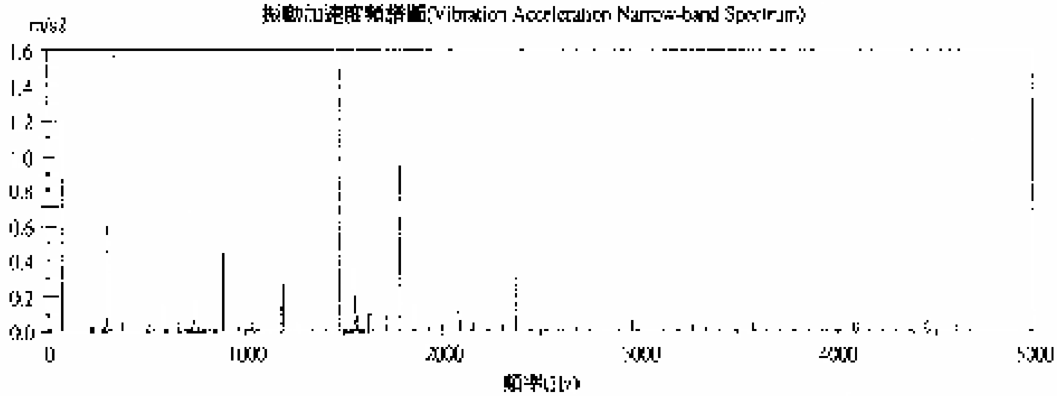
輸入電壓(Input Voltage) :	12 V
量測時間(Measuring Time) :	20 sec
麥克風距離(Mic. Distance) :	100 cm
麥克風角度(Mic. Angle) :	180°
頻域加權(Freq. Weighting) :	A
時域加權(Time Weighting) :	SLOW
背景噪音(Background Noise) :	15.0 dB(A)
溫度(Temperature) :	℃
相對濕度(Relative Humidity) :	%



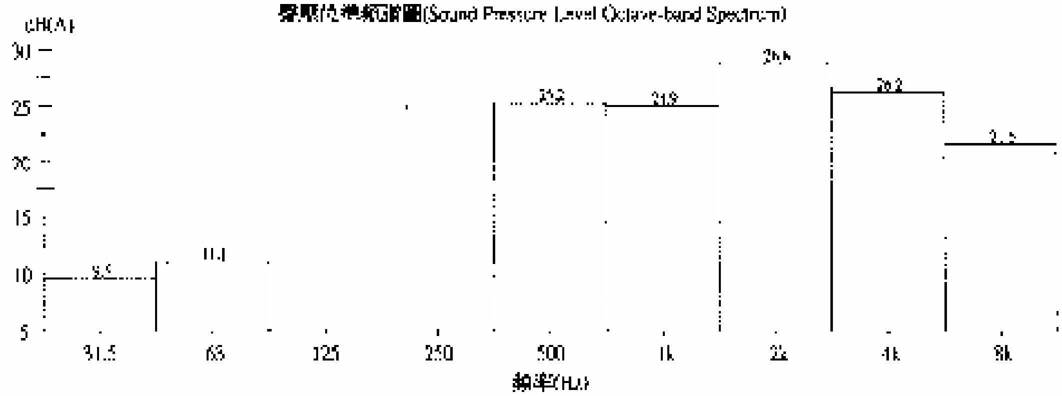
測試結果(Test Results)

電壓(Passing Voltage) :	
電流(Electric Current) :	
消耗功率(Power Dissipation) :	
轉速(Rotation Speed) :	4502 RPM
振動量(Vibration Level) (依據 ISO 2372)	
振動速度(Vib. Velocity) :	2.75 mm/sec RMS
均能聲壓位準(Time-averaged SPL, Leq) (依據 CNS 8753)	
量測點(A) Meas. Point) :	33.5 dB(A)
1米處(At 1m Point) :	33.4 dB(A)
最大聲壓位準(MaxL) :	34.1 dB(A)
最小聲壓位準(MinL) :	32.9 dB(A)

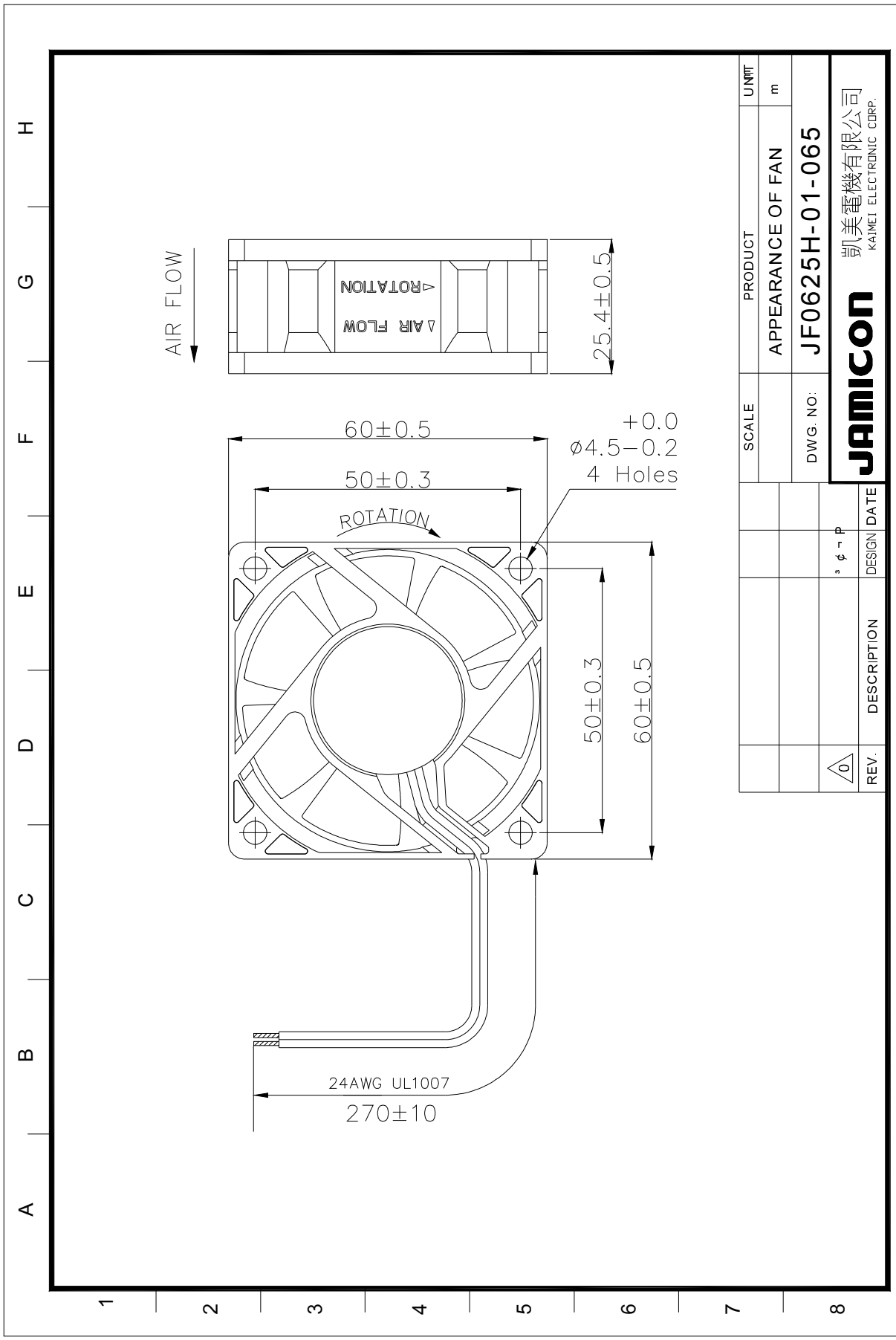
振動加速度頻譜圖(Vibration Acceleration Narrow-band Spectrum)



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



審核人員 : ______________　　　操作員 :　　簽章 : ______________


AIR FLOW
AIR FLOW
ROTATION
25.4±0.5
60±0.5
50±0.3
ROTATION
+0.0
ø4.5−0.2
4 Holes
50±0.3
60±0.5
24AWG UL1007
270±10
UNIT
m
PRODUCT
APPEARANCE OF FAN
SCALE
DWG. NO:
JF0625H-01-065
JAMICON
凱美電機有限公司
KAIMEI ELECTRONIC CORP.
REV.
DESCRIPTION
DESIGN
DATE
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Underwriters Laboratories Inc.

Northbrook Division
333 Pfingsten Road
Northbrook, IL 60062-2096 USA
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KAIMEI ELECTRONIC CORP
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81 HSIN-TAI-WU RD, SEC 1
HSICHIH
TAIPEI HSIEN TAIWAN

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GPWV2 September 5, 2003
Fans, Electric - Component

KAIMEI ELECTRONIC CORP **E156480**
13TH 81 HSIN-TAI-WU RD, SEC 1 HSICHIH, TAIPEI
HSIEN TAIWAN

DC fans. Models JF0207, JF0307, JF0407 followed by B or S, followed by -1HX, -1LX, -1MX, -5HX, -5LM or -5MX; Model JF0210 followed by B, C or S, followed by -5LXXX; Model JF0410 followed by B, C or S, followed by -1XXX, -1MXXX, -1HXXX or -5MXXX; Model JF0413 followed by B, C or S, followed by -1MXXX or -1HXXX; Model JF0512 followed by B, C or S, followed by -1LXXX or -1MXXX; Model JF0615 followed by B, C or S, followed by -1HXXX, -1LXXX or -1MXXX, -1EXXX, -1VXXX; Model JF0625 followed by B, C or S, followed by 1VXXX, 1EXXX, 1LXXX, -1MXXX, -1HXXX, -2VXXX, -2EXXX, -2LXXX, -2HXXX or -2MXXX; Model JF0925 followed by B, C or S, followed by -1VXXX, -1EXXX, -1LXXX, -1MXXX, -1HXXX, -2VXXX, -2EXXX, -2LXXX, -2MXXX or -2HXXX, Model JF0825 followed by B, C or S, followed by -1EXXX, -1LXXX, -1MXXX, -1HXXX, -2EXXX, -2LXXX, -2MXXX or -2HXXX, where "X" may be 0 thru 9, A thru Z, "-" or blank; Model JF0925 followed by B, C or S, followed by 1EXXX, -1LXXX, -1MXXX, -1HXXX, -2EXXX, -2LXXX, -2MXXX or -2HXXX; Model JF1225 followed by B, C or S, followed by -1EXXX, -1LXXX, -1MXXX, -1HXXX, -2EXXX, -2LXXX, -2MXXX or -2HXXX; Model JH0410S1.

Models JF0210(X)1H(Y), JF0210(X)1M(Y), JF0210(X)5H(Y), JF0210(X)5L(Y), JF0210(X)5M(Y), where the (X) may be B, C or S, where (Y) may be 0 through 9, A through Z or blank.

Models JF0310(X)1L(Y), JF0310(X)1L(Y), JF0310(X)1M(Y), JF0310(X)5H(Y), JF0310(X)5L(Y), JF0310(X)5M(Y), where the (X) may be B, C or S, where (Y) may be 0 through 9, A through Z or blank.

Models JF0A08(X)5H(Y), JF0A08(X)5L(Y), JF0A08(X)5M(Y), where the (X) may be B, C or S, where (Y) may be 0 through 9, A through Z or blank.

Models JF0B10(X)1H(Y), JF0B10(X)1L(Y), JF0B10(X)1M(Y), JF0B10(X)5H(Y), JF0B10(X)5L(Y), JF0B10(X)5M(Y), where the (X) may be B, C or S, where (Y) may be 0 through 9, A through Z or blank.

Model JF1751(X)4S(Y), where the (X) may be B, C or S, where (Y) may be 0 through 9, A through Z or blank.

Models KF0210S5L, KF0210S5M, KF0210S5H, KF0210B5L, KF0210B5M, KF0210B5H, KF0210C5L, KF0210C5M, KF0210C5H, KF0210S1L, KF0210S1M, KF0210S1H, KF0210B1L, KF0210B1M, KF0210B1H, KF0210C1L, KF0210C1M, KF0210C1H, KF0310S5L, KF0310S5M, KF0310S5H, KF0310B5L, KF0310B5M, KF0310B5H, KF0310C5L, KF0310C5M, KF0310C5H, KF0310S1L, KF0310S1M, KF0310S1H, KF0310B1L, KF0310B1M, KF0310B1H, KF0310C1L, KF0310C1M, KF0310C1H, KF0410S1L, KF0410S1M, KF0410S1H, KF0410B1L, KF0410B1M, KF0410B1H, KF0410C1L, KF0410C1M, KF0410C1H, KF0410S5L, KF0410S5M, KF0410S5H, KF0410B5L, KF0410B5M, KF0410B5H, KF0410C5L, KF0410C5M, KF0410C5H, KF0510S1L, KF0510S1M, KF0510S1H, KF0510B1L, KF0510B1M, KF0510B1H, KF0510C1L, KF0510C1M, KF0510C1H. All models may have optional suffix "x4x5x6", where "x4", "x5", and "x6" may be A-Z, 0-9, "-" or blank.

Models KF0306S1M, KF0306S1H, KF0306C1H, KF0306C1L, KF0306S5M, KF0306S5H, KF0306C5M, KF0306C5H, KF0409S1L, KF0409S1M, KF0409S1H, KF0409B1L, KF0409B1M, KF0409B1H, KF0409C1L, KF0409C1M, KF0409C1H, KF0409S5L, KF0409S5M, KF0409S5H, KF0409B5L, KF0409B5M, KF0409B5H, KF0409C5L, KF0409C5M, KF0409C5H, KF0509S5L, KF0509S5M, KF0509S5H, KF0509B5L, KF0509B5M, KF0509B5H, KF0509C5L, KF0509C5M, KF0509C5H. All models may have optional suffix "x4x5x6", where "x4", "x5", and "x6" may be A-Z, 0-9, "-" or blank.

Models KF0510S5L, KF0510S5M, KF0510S5H, KF0510C5L, KF0510C5M, KF0510C5H, KF0510B5L, KF0510B5M, KF0510B5H, KF0515S5H, KF0515S5M, KF0515S5L, KF0515C5L, KF0515C5M, KF0515C5H, KF0515B5L, KF0515B5M, KF0515B5H, KF0509B1H, KF0509B1L, KF0509B1M, KF0509S1H, KF0509S1L, KF0509S1M, KF0509C1H, KF0509C1L, KF0509C1M, KF0515S1L, KF0515S1M, KF0515S1H, KF0515C1L, KF0515C1M, KF0515C1H, KF0515B1L, KF0515B1M, KF0515B1H, KF0615S1L, KF0615S1M, KF0615S1H, KF0615C1L, KF0615C1M, KF0615C1H, KF0615B1L, KF0615B1M, KF0615B1H, KF0625S1L, KF0625S1M, KF0625S1H, KF0625C1L, KF0625C1M, KF0625C1H, KF0625B1L, KF0625B1M, KF0625B1H. All models may have optional suffix "x4x5x6", where "x4", "x5", and "x6" may be A-Z, 0-9, "-" or blank.

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Models KF0407C1H, KF0407S1H, KF0407C1M, KF0407S1M, KF0407C51, KF0407S5H, KF0407C5M, KF0407S5M, KF0C07C1H, KF0C07S1H, KF0C07C1M, KF0C07S1M, KF0C07C51, KF0C07S5H, KF0C07C5M, KF0C07S5M, KF0420D1L, KF0420S1L, KF0420B1M, KF0420S1M, KF0420B1H, KF0420S1H, KF0420B5L, KF0420S5L, KF0420B5M, KF0420S5M, KF0420B5H, KF0420S5H, KF0610B1H, KF0610C1H, KF0610U81H, KF0610K1M, KF0610B1M, KF0610C1M, KF0610C1L, KF0610B1L, KF0610S1L, KF0620C1H, KF0620B1H, KF0620S1L, KF0620C1M, KF0620B1M, KF0620S1M, KF0620C1L, KF0620B1L, KF0620S1L. All models may have optional suffix "xdx5x6", where "x4", "x5", and "x6" may be A-Z, 0-9, "-" or blank.

Models KF0715S1S, KF0715S1H, KF0715S1M, KF0715S1L. KF0715C1S, KF0715C1H, KF0715C1M, KF0715C1L, KF0715B1S, KF0715B1H, KF0715B1M, KF0715B1L. All models may have optional suffix "xdx5x6", where "x4", "x5", and "x6" may be A-Z, 0-9, "-" or blank.

Models JF0615(A)(B)XXX, JF0515(A)2(B)XXX, JF0615(A)5(C)XXX, JF0615(A)1(D)XXX, JF0615(A;2)(D)XXX, JF0620(A)1(D)XXX, JF0620(A;2)(D)XXX, JF0625(A)1(E)XXX, JF0625(A;2)(E)XXX, JF0625(A)H1)XXX, JF0815(A)1(C)XXX, JF0815(A)2(H)XXX, JF0825(A)1(D)XXX, JF0825(A;2)(E)XXX, JF0825(A)4(C)XXX, JF0925(A)1(D)XXX, JF0925(A)2(D)XXX, JF0925(A)4)2)XXX, JF1225(A)1(D)XXX, JF1225(A)2(D)XXX, JF1225(A)4(F)XXX, where (A) may be B, C or S; (B) may be J1, M, L or E; (C) may be H, M, L, E or V; (D) may be U or S; (E) may be T, U or S, (F) may be U, S, H, M, L or F; (G) may be U, S, H, M or L; (H) may be S, H, M or L; (I) may be S, H, M, L or E; "X" may be 5-6 incl., A-Z incl., blank or "-".

A/C fans, Models JA1203B1XX, JA1208B2XX, where XX is any character, Model JA1238 followed by H2 or H1, Model JA1225 followed by M2, M1, L2 or L1; Model JA1225 followed by L2 or L1

Models JH1210, FJ0410, FJ0510, followed by B or S, may be followed by J1, M, L, S1, S5M

Models JA1751(3), JA1751)2, JA1238C1, JA1238H2, JA1238-1H1, JA1238-1H2, JA1225C1, JA1225H2, JA0925H1, JA0925H2, JA0938H1, JA0938H2, JA0825H1, JA0825H2.

Model JF1235(X)(Y)(Z)XXX where (X)=5, B or C, (Y)=1, 2 or 4, (Z)=H, M or L

Model JF0615(X)(Y)(Y)XXX where (X)=5, B or C, (Y)=J1, M, L, E or V.

Model KF0xyz where x=420, 515 or 620, y=B1, B2, B5, S1, S2 or S5, z=H, HC, HD, HS, L, LC, LD, LS, M, MC, MD or MS

Model KF12xyz where x=2 or 8, y=B1, B2, B5, S1, S2 or S4, z=H, HA, L, LA, M or MA

Model MF0xyz where x=310 or 510, y=B1, B5, S1 or S5, z=H, HC, HD, HS, L, LC, LD, LS, M, MC, MD or MS

Fans, Model KA3 (A) (B) X_1 and/or X_2, where X may be 0825, 3838, 0925, 1225, 1238 or 1751, where A may be H1, H2, M1, M2, L1 or L2, where B may be B or S, X_1, X_2 may be 0-9 incl., A-Z incl., blank or "-".

Model MA3(A) (B) X_1 and/or X_2, where X may be 1238, 1538, 1738, 1751, 1758 or 2589, where A may be H1, H2, M1 or M2, where B may be B, S, X_1, X_2 may be 0-9 incl., A-Z incl. or "-"

Marking: Company name, "E156480", trademark JAMICON or: JAMICON and model designation.

See General Information Preceding These Recognitions

For use only in equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Underwriters Laboratories Inc.

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KAIMEI ELECTRONIC CORP
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HSICHIH
TAIPEI HSIEN TAIWAN

RE: Project Number(s) - 03CA02765

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GPWV8 August 27, 2003
Fans, Electric Certified For Canada - Component

KAIMEI ELECTRONIC CORP **E156480**
13TH 81 HSIN-TAI-WU RD, SEC 1 HSICHIH, TAIPEI
HSIEN TAIWAN

DC Fans. Model JF0210 followed by S, C or B, followed by -5LXXX; Model JF0410 followed by S, C or B, followed by -1XXX, -1MXXX, -1HXXX or -5MXXX; Model JF0413 followed by S, C or B, followed by -1MXXX or -1LXXX; Model JF0512 followed by S, C or B, followed by -1LXXX or -1MXXX; Model JF0620 followed by S, C or B, followed by -1VXXX, -1EXXX, -1LXXX, -1MXXX or -1HXXX, -2VXXX, -2EXXX, -2LXXX, -2MXXX or -2HXXX; Model JF0625 followed by S, C or B, followed by -1VXXX, -1EXXX, -1LXXX, -1MXXX, -1HXXX, -2VXXX, -2EXXX, -2LXXX, -2MXXX or -2HXXX; Model JF0825 followed by S, C or B, followed by -1EXXX, -1LXXX, -1MXXX, -1HXXX, -2EXXX, -2LXXX, -2MXXX or -2HXXX; Model JF0925 followed by S, C or B, followed by -1EXXX, -1LXXX, -1MXXX, -1HXXX, -2EXXX, -2LXXX, -2MXXX or -2HXXX; Model JF1225 followed by B, C or S, followed by -1EXXX, -1LXXX, -1MXXX, -1HXXX, -2EXXX, -2LXXX, -2MXXX or -2HXXX, where "X" is any character.

, Models JF0210 followed by S or B, followed by -5LX; JF0410 followed by S or B, followed by -1, -1MX, -1HX or -5MX; JF0413 followed by S or B, followed by -1MX or -1HX; JF0512 followed by S or B, followed by -1LX or -1MX; JF0620 followed by S or B, followed by -1LX, -1MX or -1HX; JF0625 followed by S or B, followed by -1LX, -1MX, -1HX, -2LX, -2MX or -2HX; JF0825 followed by S or B, followed by -1LX, -1MX, -1HX, -2MX or -2HX; JF0925 followed by S or B, followed by -1LX, -1MX, -1HX, -2LX, -2MX or -2HX where "X" is any character.

Models JF0210(X)1H(Y), JF0210(X)1M(Y), JF0210(X)5H(Y), JF0210(X)5L(Y), JF0210(X)5M(Y), where the (X) may be B, C or S, where (Y) may be 0 through 9, A through Z or blank.

Models JF0310(X)1H(Y), JF0310(X)1L(Y), JF0310(X)1M(Y), JF0310(X)5H(Y), JF0310(X)5L(Y), JF0310(X)5M(Y), where the (X) may be B, C or S, where (Y) may be 0 through 9, A through Z or blank.

Models JF0A08(X)5H(Y), JF0A08(X)5L(Y), JF0A08(X)5M(Y), where the (X) may be B, C or S, where (Y) may be 0 through 9, A through Z or blank.

Models JF0B10(X)1H(Y), JF0B10(X)1L(Y), JF0B10(X)1M(Y), JF0B10(X)5H(Y), JF0B10(X)5L(Y), JF0B10(X)5M(Y), where the (X) may be B, C or S, where (Y) may be 0 through 9, A through Z or blank.

Model JF1751(X)45(Y), where the (X) may be B, C or S, where (Y) may be 0 through 9, A through Z or blank.

Models KF0210S5L, KF0210S5M, KF0210S5H, KF0210B5L, KF0210B5M, KF0210B5H, KF0210C5L, KF0210C5M, KF0210C5H, KF0210S1L, KF0210S1M, KF0210S1H, KF0210B1L, KF0210B1M, KF0210B1H, KF0210C1L, KF0210C1M, KF0210C1H, KF0310S5L, KF0310S5M, KF0310S5H, KF0310B5L, KF0310B5M, KF0310B5H, KF0310C5L, KF0310C5M, KF0310C5H, KF0310S1L, KF0310S1M, KF0310S1H, KF0310B1L, KF0310B1M, KF0310B1H, KF0310C1L, KF0310C1M, KF0310C1H, KF0410S1L, KF0410S1M, KF0410S1H, KF0410B1L, KF0410B1M, KF0410B1H, KF0410C1L, KF0410C1M, KF0410C1H, KF0410S5L, KF0410S5M, KF0410S5H, KF0410B5L, KF0410B5M, KF0410B5H, KF0410C5L, KF0410C5M, KF0410C5H, KF0510S1L, KF0510S1M, KF0510S1H, KF0510B1L, KF0510B1M, KF0510B1H, KF0510C1L, KF0510C1M, KF0510C1H. All models may have optional suffix "x4x5x6", where "x4", "x5", and "x6" may be A-Z, 0-9, "-" or blank.

Models KF0309S1M, KF0309S1L, KF0309C1H, KF0309C1L, KF0309S5M, KF0309S5H, KF0309C5M, KF0309C5H, KF0409S1L, KF0409S1M, KF0409S1H, KF0409B1L, KF0409B1M, KF0409B1H, KF0409C1M, KF0409C1H, KF0409S5L, KF0409S5M, KF0409S5H, KF0409B5L, KF0409B5M, KF0409D5L, KF0409C5L, KF0409C5M, KF0409C5H, KF0509S5L, KF0509S5M, KF0509S5H, KF0509B5L, KF0509B5M, KF0509B5H, KF0509C5L, KF0509C5M, KF0509C5H. All models may have optional suffix "x4x5x6", where "x4", "x5", and "x6" may be A-Z, 0-9, "-" or blank.

Models KF0510S5L, KF0510S5M, KF0510S5H, KF0510C5L, KF0510C5M, KF0510C5H, KF0510B5L, KF0510B5M, KF0510B5H, KF0515S5H, KF0515S5M, KF0515S5L, KF0515C5L, KF0515C5M, KF0515C5H, KF0515B5L, KF0515B5M, KF0515B5H, KF0509B1H, KF0509B1L, KF0509B1M.

KF0509SLH, KF0509S1L, KF0606S1M, KJ0609C1H, KF0609C1L, KJ0609C1M, KF0615S1L, KJ0615S1M, KF0615S1J1, KF0615C1L, KF0615C2M, KF0615C1H, KF0615B1L, KF0615B3M, KF0615S1LH, KF0615S1L.. KF0615S1M, KF0625S1H, KF0625C1J, KF0625C1M, KF0625C1H, KF0615S1L, KF0615B1M, KF0615B1H, KT0625S1L, KF0625S1M, KF0625S1H, KF0625C1L, KF0625K1M, KF0625C1LL, KF0625B1L, KF0625B1M, KF0625S1LH. All models may have optional suffix "x4x5x6", where "x4", "x5", and "x6" may be A-Z, 0-9, "-" or blank.

Models KF0407C1H, KF0407S1H, KF0407C1M, KF0407S1M, KF0407C5H, KF0407S5H, KT0407C5M, KF0407S5M, KF0C07C1H, KF0C07S1H, KH0C07C1M, KF0C07S1M, KH0C07C5H, KF0C07S5H, KF0C07C5M, KT0C07S5M, KF0420B1L, KF0420S1L, KF0420B1M, KF0420S1M, KF0420B1H, KH0420S1H, KF0420B2L, KF0420S2L, KF0420B5L, KF0420S5L, KF0420B5M, KF0420S5M, KF0420B5H, KF0610S1H, KF0610C1H, KF0610B1H, KT0610C1M, KH0610B1M, KF0610S1M, KF0610C1L, KF0610B1L, KF0620C1H, KF0620B1H, KF0620S1H, KH0620C1M, KF0620B1M, KF0620S1M, KF0620C1L, KF0620B1L, KF0620S1L. All models may have optional suffix "x4x5x6", where "x4", "x5", and "x6" may be A-Z, 0-9, "-" or blank.

Models KF0715S1S, KF0715S1HL, KJ0715S2M, KF0715S1L, KF0715S2S, KF0715C1H, KF0715C1M, KF0715C1L, KF0715B1S, KF0715B1H, KF0715B1M, KT0715S1L. All models may have optional suffix "x4x5x6", where "x4", "x5", and "x6" may be A-Z, 0-9, "-" or blank.

Models JF0515(A)1(B)XXX, JF0525(A)2(B)XXX, JF0615(A)3(C)XXX, JF0615(A)1(D)XXX, JF0615(A)2(D)XXX, JF0620(A)1(D)XXX, JF0620(A)2(D)XXX, JF0625(A)1(D)XXX, JF0625(A)4(E)XXX, JF0625(A)1(F)XXX, JF0615(A)1(G)XXX, JF0615(A)2(H)XXX, JT0625(A)1(D)XXX, JF0635(A)2(E)XXX, JF0225(A)4(C)XXX, JF0925(A)1(D)XXX, JF0925(A)2(D)XXX, JF0925(A)4(J)XXX, JF1225(A)1(D)XXX, JF1225(A)2(D)XXX, JF1225(A)4(F)XXX, where (A) may be U, C or S; (B) may be H, M, L or S; (C) may be H, M, L, E or V; (D) may be U or S; (E) may be T, U or S; (F) may be C, S, H, M, L or E; (G) may be U, S, H, M or L; (H) may be S, H, M or L; (J) may be S, H, M, L or E, "X" may be 0-9 incl., A-Z incl., blank or "-"

A/C fans , Models JA1238, followed by H2 or H1; JA1238 followed by M2, M1, L2 or L1; JA1225, followed by L2 or L1

Models JF0210, FJ0410, FJ0510, followed by D or S, may be followed by H, M, L, SL, SM.

Models JA1751H1, JA1751S12, JA1238H3, JA1238H2, JA1238H1, JA1238-1H2, JA1225H3, JA1225H2, JA0925H1, JA0925J12, JA0838H1, JA0838H2, JA0825H3, JA0825H2.

Model JF1238(X)(Y)(Z)XXX where (X)=S, B or C, (Y)=3, 2 or 4, (Z)=H, M or L.

Model JF0615(X)(Y)XXX where (X)=S, B or C, (Y)=H, M, L, E or V.

Model KF2xyz where x=420, 515 or 610, y=B1, B2, B6, S1, S2 or S6, z=H, HC, HD, HS, L, LC, LD, LS, M, MC, MD or MS.

Model KF12xyz where x=2 or 8, y=B1, B2, B6, S1, S2 or S4, z=H, HA, L, LA, M or MA.

Model JU1xyz where x=410 or 510, y=B1, B6, S1 or S5, z=H, HC, HD, HS, L, LC, LD, LS, M, MC, MD or MS.

Fans, Model KAX (A) (B) X_1 and/or X_2, where X may be 0825, 0838 0925, 1225, 1238 or 1751, where A may be H1, H2, M1, M2, L1 or L2, where B may be B, S X_1, X_2 may be 0-9 incl., A-Z incl., blank or "-"

Model MAX (A) (B) X_1 and/or X_2, where X may be 1238, 1538, 1738, 1751, 1755 or 2589, where A may be H1, H2, M1 or M2, where B may be B, S, X_1, X_2 may be 0-9 incl., A-Z incl. blank or "-" or B00

Marking: Company name, model designation and Recognized Component Mark for Canada, -**93**.

See General Information Preceding These Recognitions
For use only in equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Zertifikat *Certificate*

TÜV

Zertifikat Nr. *Certificate No.*
R 09552030

Blatt *Page*
0012

Ihr Zeichen *Client Reference*	**Unser Zeichen** *Our Reference*	**Ausstellungsdatum**	*Date of Issue (day/mo/yr)*
P280515/Sporton	ZTW1-SSY- 09562037 006	25.07.2003	

Genehmigungsinhaber *License Holder*
Kaimei Electronic Corp.
13th Fl., No. 81
Sec. 1, Hsin-Tai-Wu Rd.
Hsichih, Taipei Hsien 221
Taiwan

Fertigungsstätte *Manufacturing Plant*
Kaimei Electronic (HK), Ltd.
10th Industry Area
2nd Road, Donghuan, Long Hua
Shenzhen City, Guangdong
P.R. China

Prüfzeichen *Test Mark*

TÜV Rheinland Product Safety — BAUART GEPRÜFT / TYPE APPROVED

Geprüft nach *Tested acc. to*
EN 60950:1992+A1+A2+A3+A4+A11

Zertifiziertes Produkt (Geräteidentifikation) *Certified Product* *(Product Identification)*

Lizenzentgelte - Einheit *License Fee - Unit*

Ventilator (Component DC Fan)

wie Blatt (as page) 01
Änderung (Change)

Bezeichnung (Type Designation)	: JF0620X1X2X3XXX(JAMICON) JF0625X1X2X3XXX(JAMICON)	
X1 steht für (stands for)	: B, S oder (or) C	
X2 steht für (stands for)	: 1 oder (or) 2	
X3 steht für (stands for)	: H, M, L, E oder (or) V	1
X steht für (stands for)	: 0-9, A-Z, "-" oder (or) freibleibend (blank)	
Nennspannung (Rated Voltage)	: DC 12V (X2=1) DC 24V (X2=2)	
Nennstrom (Rated Current)	: siehe Anlage (see appendix)	

1

TÜV Rheinland Product Safety GmbH — TÜV Rheinland — Zertifizierungsstelle

ANLAGE (Appendix): 1.5

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde. Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht. This certificate is based on our Testing and Certification Regulation. The product fulfills above-mentioned-requirements, the production is subject to surveillance.

Zertifizierungsstelle

TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln

Tel.:(+49/221)8 06 - 13 71 Fax:(+49/221)8 06 - 39 35 e-mail: Akhoffi@de.tuv.com

Dipl.-Ing. A. Klinker

TÜV Rheinland Berlin Brandenburg Group

TÜV

Appendix to TÜV type approved Certificate No.: R 9552030

Kind of equipment : Component DC Fan
Report number : 09562037 006

Model	Input (5V/Pulse)	Model	Input (5V/Pulse)
JF0620S1HXXX	12Vdc, 0.17A	JF0620S2HXXX	24Vdc, 0.13A
JF0620B1HXXX	12Vdc, 0.17A	JF0620B2HXXX	24Vdc, 0.13A
JF0620C1HXXX	12Vdc, 0.17A	JF0620C2HXXX	24Vdc, 0.13A
JF0620S1MXXX	12Vdc, 0.15A	JF0620S2MXXX	24Vdc, 0.11A
JF0620B1MXXX	12Vdc, 0.15A	JF0620B2MXXX	24Vdc, 0.11A
JF0620C1MXXX	12Vdc, 0.15A	JF0620C2MXXX	24Vdc, 0.11A
JF0620S1LXXX	12Vdc, 0.13A	JF0620S2LXXX	24Vdc, 0.07A
JF0620B1LXXX	12Vdc, 0.13A	JF0620B2LXXX	24Vdc, 0.07A
JF0620C1LXXX	12Vdc, 0.13A	JF0620C2LXXX	24Vdc, 0.07A
JF0620S1EXXX	12Vdc, 0.09A	JF0620S2EXXX	24Vdc, 0.06A
JF0620B1EXXX	12Vdc, 0.09A	JF0620B2EXXX	24Vdc, 0.06A
JF0620C1EXXX	12Vdc, 0.09A	JF0620C2EXXX	24Vdc, 0.06A
JF0620S1VXXX	12Vdc, 0.07A	JF0620S2VXXX	24Vdc, 0.05A
JF0620B1VXXX	12Vdc, 0.07A	JF0620B2VXXX	24Vdc, 0.05A
JF0620C1VXXX	12Vdc, 0.07A	JF0620C2VXXX	24Vdc, 0.05A
JF0625S1HXXX	12Vdc, 0.23A	JF0625S2HXXX	24Vdc, 0.17A
JF0625B1HXXX	12Vdc, 0.23A	JF0625B2HXXX	24Vdc, 0.17A
JF0625C1HXXX	12Vdc, 0.23A	JF0625C2HXXX	24Vdc, 0.17A
JF0625S1MXXX	12Vdc, 0.20A	JF0625S2MXXX	24Vdc, 0.13A
JF0625B1MXXX	12Vdc, 0.20A	JF0625B2MXXX	24Vdc, 0.13A
JF0625C1MXXX	12Vdc, 0.20A	JF0625C2MXXX	24Vdc, 0.13A
JF0625S1LXXX	12Vdc, 0.17A	JF0625S2LXXX	24Vdc, 0.12A
JF0625B1LXXX	12Vdc, 0.17A	JF0625B2LXXX	24Vdc, 0.12A
JF0625C1LXXX	12Vdc, 0.17A	JF0625C2LXXX	24Vdc, 0.12A
JF0625S1EXXX	12Vdc, 0.11A	JF0625S2EXXX	24Vdc, 0.07A

TÜV Rheinland Product Safety GmbH TÜV Rheinland FS Zertifizierungsstelle

Zertifikat *Certificate*

TÜV

Zertifikat Nr. *Certificate No*
[illegible]

Blatt *Page*
[illegible]

Ihr Zeichen *Client Reference*
[illegible]

Unser Zeichen *Our Reference*
[illegible]

Ausstellungsdatum *Date of Issue*
[illegible]

Genehmigungsinhaber *License Holder*
[illegible]

Herstellungsstätte *Manufacturing Plant*
[illegible]

Prüfzeichen *Test Mark*

GS/GART
GEPRÜFT
TYPE
APPROVED

Geprüft nach *Tested acc. to*
[illegible]

Zertifiziertes Produkt *(Geräteidentifikation)*
Certified Product *(Product Identification)*

Lizenzgebühr - Kennbuchstabe
License Fee - Letter

[illegible]

[illegible]

[illegible]

[illegible]

TÜV Rheinland Product Safety Quality
TÜV Rheinland
Zertifizierungsstelle

[illegible]

Zertifizierungsstelle

TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln

[illegible]

Dipl.-Ing. A. Klicker

CE

SPORTON LAB.

Certificate No: C2D2008

CERTIFICATE

EQUIPMENT : DC FAN
MODEL NO. : JFX1X2X3X4X5X6X7X8, KFX1X2X3X4X5X6X7X8
APPLICANT : Kaimei Electronic Corp.
13th Fl., No. 81, Sec. 1, Hsin Tai Wu Road, Hsichih, Taipei, Taiwan, R.O.C.

I HEREBY CERTIFY THAT:

THE MEASUREMENTS SHOWN IN THIS TEST REPORT WERE MADE IN ACCORDANCE WITH THE PROCEDURES GIVEN IN **EUROPEAN COUNCIL DIRECTIVE 89/336/EEC.** THE EQUIPMENT WAS **PASSED** THE TEST PERFORMED ACCORDING TO **EUROPEAN STANDARD EN 55022:1998 Class B, EN 55024:1998 (IEC 61000-4-2:1995, IEC 61000-4-3:1995, IEC 61000-4-4:1995, IEC 61000-4-5:1995, IEC 61000-4-6:1996, IEC 61000-4-8:1993, IEC 61000-4-11:1994).** THE TEST WAS CARRIED OUT ON **Jan. 02, 2003** AT **SPORTON INTERNATIONAL INC.** LAB.

K. J. Lin
Manager

SPORTON INTERNATIONAL INC.

Certificate No: C2D2008

ACCORDING TO **EUROPEAN STANDARD EN 55022:1998 Class B, EN 55024:1998 (IEC 61000-4-2:1995, IEC 61000-4-3:1995, IEC 61000-4-4:1995, IEC 61000-4-5:1995, IEC 61000-4-6:1996, IEC 61000-4-8:1993, IEC 61000-4-11:1994).**

More detail information of Model NO.:

X1 means for Width x Width = 02, 03, 04, 05, 06, 07, 08, 09, 0A, 0B, 0C, 12, 15
Where 02=25x25, 03=30x30, 04=40x40, 05=50x50, 06=60x60, 07=70x70, 08=80x80, 09=92x92, 0A=20x20, 0B=35x35, 0C=45X45, 12=120x120, 17=ϕ 172 or 172x150 mm
X2 means for thickness = 06, 07, 09, 10, 12, 15, 20, 25 or 25.4, 32, 38, 51
Where 06= 6, 07=7, 09=9 or 10, 10= 10, 12=12, 15=15, 20=20, 25= 25 or 25.4, 32=32, 38=38, 51=51 mm
Where the cross list for X1&X2 as the following:
0A10, 0206, 0207, 0210, 0306, 0307, 0310, 0B06, 0B07, 0B10, 0406, 0407, 0409, 0410, 0412, 0415, 0420, 0425, 0C07, 0C10, 0509, 0510, 0512, 0515, 0520, 0525, 0610, 0615, 0620, 0625, 0638, 0710, 0715, 0720, 0725, 0815, 0820, 0825, 0832, 0838, 0925, 0932, 0938, 1225, 1232, 1238, 1738, 1751
X3 means for bearing type = S, B, C
Where S=Sleeve, B= 2 Ball, C= 1Ball or 1Ball+Sleeve
X4 means for rated voltage =1 (12V), 2 (24V), 3 (32V), 4(48V), 5(5V), A(3V), B (25.5V), C(42V), D(18V)
X5 means for rotation speed =T, U, S, H, M, L, E, V or 7, 6, 5, 4, 3, 2, 1, 0
Where T or 7 means speed higher than U or 6 speed code,
U or 6 means speed higher than S or 5 speed code,
S or 5 means speed higher than H or 4 speed code,
H or 4 means Standard-high speed code,
M or 3 means Middle speed code,,
L or 2 means Low speed code,
E or 1 means speed lower than L speed code,
V or 0 means speed lower than E speed code.
X6, X7, X8 means the internal code to distinguish the wiring, frame and blade type or the dimension of the screw hole and or the color of the above material and also for special printing characters on the label requested by the client.

K. J. Lin Mar. 18, 2003

K. J. Lin
Manager

6F No 106 Sec.1 Hsin Tai Wu Rd., Hsi Chih, Taipei Hsien, Taiwan, R.O.C. TEL:886-2-26962468 FAX:886-2-26962255