

# 規格承認書

SPECIFICATION FOR APPROVAL

客戶名稱：  
(CUSTOMER) TM&F

客戶料號：  
(PART NO) \_\_\_\_\_

品名規格：  
(DESCRIPTION) DFB401005H

送樣日期：  
(SENDING DATE) 2009-11-10

客戶簽章： SIGNATURE	永林興電子(深圳)有限公司制作		
	審核： REPORTED BY	確認： CHECK BY	作成： APPROVED BY
	周向阳	吴明峰	谢小青

敬請“客戶簽章”欄簽核後將零件承認書回傳永林興公司，以便後續作業，謝謝！



Y L TECH(HK)CO.

永林興科技有限公司  
YOUNG LIN TECH CO.,LTD.

致宣電子深圳有限公司  
ZHI XUAN ELECTRONICS(SHENZHEN)CO.,LTD.

永林興電子(深圳)有限公司  
YONG LIN XING ELECTRONICS(SHENZHEN)CO.,LTD.

ISO9001 ( 2000 )  
ISO14001  
CERTIFIED SUPPLIER

 <https://www.ylfc.cn>

# SPECIFICATION FOR APPROVAL

. . . . .

TO: TM&F

SAMPLE ISSUE NO.: YLM0091126-2

MODEL: DFB401005H

SAMPLE ISSUE DATE: 2009-11-10

PART NAME: DC FAN(RoHS)

SAMPLE QTY: 10PCS

REV: 0

## 1. SCOPE:

THIS SPECIFICATION DEFINES THE ELECTRICAL AND MECHANICAL CHARACTERISTICS OF THE DC BRUSHLESS FAN. THE FAN MOTOR IS WITH TWO PHASES AND FOUR POLES.

## 2. CHARACTERS:

ITEM	DESCRIPTION
RATED VOLTAGE	5 VDC
OPERATION VOLTAGE	4~6VDC
STARTING VOLTAGE	3.5VDC(ON/OFF)
INPUT CURRENT	0.10±0.02A
SPEED (10 MINUTE/ ROOM TEMPERATURE 25°C)	6000 RPM±15%
AIR FLOW (AT ZERO STATIC PRESSURE)	6.40CFM
AIR PRESSURE (AT ZERO AIRFLOW)	3.31mmH <sub>2</sub> O
ACOUSTICAL NOISE (AVG.)	26.26dB-A
SAFETY TYPE	UL TUV CE

(Continued)

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YOUNG LIN TECH CO., LTD,

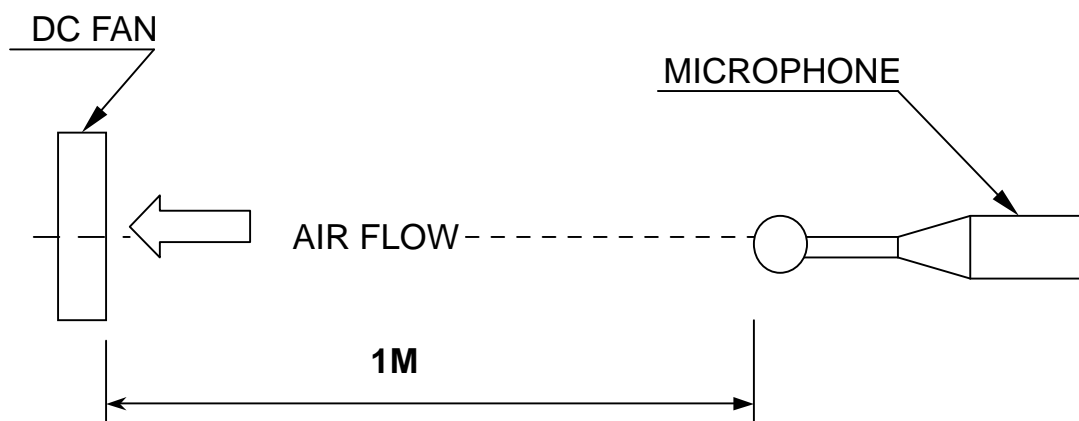
MODEL: DFB401005H

INSULATION STRENGTH	10 MEG OHM MIN. AT 500 VDC (BETWEEN FRAME AND (+) TERMINAL)
DIELECTRIC STRENGTH	5 mA MAX. AT 500 VAC 60 Hz ONE MINUTE, (BETWEEN FRAME AND (+) TERMINAL)
LIFE EXPECTANCE	50,000 HOURS CONTINUOUS OPERATION
ROTATION	AT 25°C WITH 15~65 %RH. WIDDERSHINS VIEW FROM FRAME PLATE SIDE
OVER CURRENT SHUT DOWN	INAPPLICABILITY
LEAD WIRE	UL 1007 -AWG #26 BLACK BLACK : (-) RED RED : (+)

NOTES: 1. ALL READINGS ARE MEASURED AFTER STABLY WARMING UP THROUGH 10 MINUTES.

2. THE VALUES WRITTEN IN PARENS, ARE LIMITED SPEC.

3. ACOUSTICAL NOISE MEASURING CONDITION:



NOISE IS MEASURED AT RATED VOLTAGE IN FREE AIR IN ANECHOIC CHAMBER WITH B & K SOUND LEVEL METER WITH MICROPHONE AT A DISTANCE OF ONE METER FROM THE FAN INTAKE



## IMPORTANT NOTES & GENERAL INSTRUCTIONS

1. Any item which is needed to add into specification shall be determined on customer's prior written request. If no information given , fan will be delivered based on our standard judgment.

2. Customer shall confirm the matching and reliability of fan on actual set or unit application.

This include confirmation on set or unit life, electrical noise, mechanical noise, Vibration static electricity ,electric power noise ,drift ,electric resonance between motor and control circuit ,mechanical resonance between motor and chassis, irregular movement of set due to motor noise ,irregular movement of set in strong electromagnetic field ,damaged by lightning surge earthing method etc

3. In order to improve the performance within the scope of specification, parts or material changes are subject to prior notice to customer.

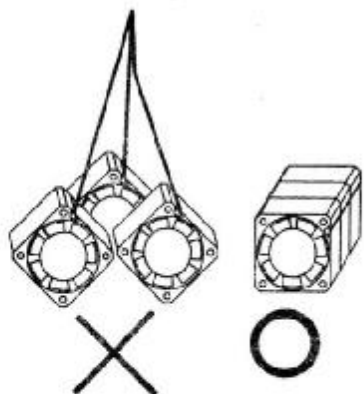
4. Any revisions on the specification shall be done based on mutual discussion and agreement.

5. When any trouble occurs, both parties shall discuss on this specification to solve the matters. In this case, our guarantee is only limited to fans

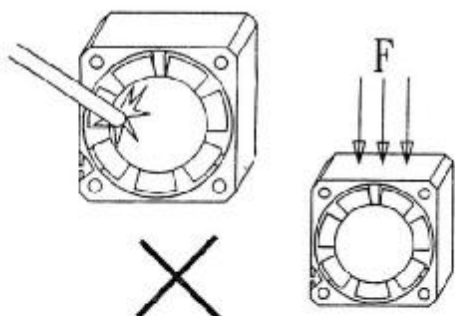
# 風扇使用注意事項



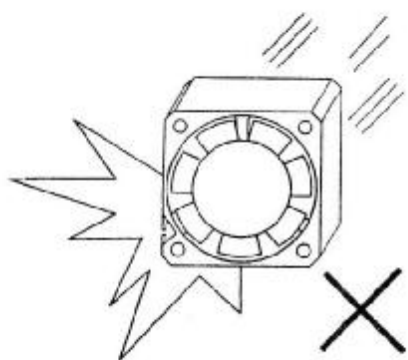
## HOW TO HANDLE FAN PROPERLY?



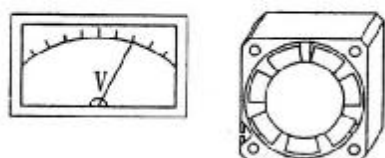
1. 取用風扇, 輕取外框兩側, 不可拉扯導線.
1. Hold the fan by frame side. Do not hold lead wires to support the fan.



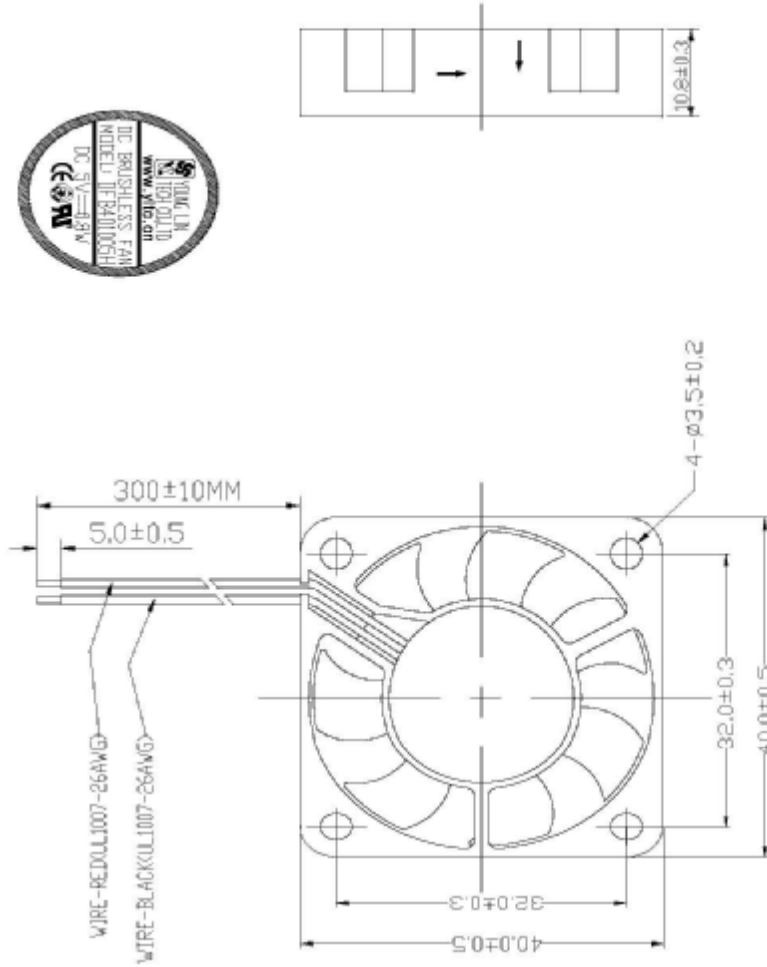
2. 取用風扇, 不可碰觸或擠壓扇葉與外框.
2. No touching or pressing on the impeller hub. Avoid crushing the frame side.



3. 風扇嚴禁掉落地面, 或敲擊外框任何面.
3. Do not drop on the ground. Do not pound on the frame side.



4. 風扇電源需依照規格電壓安裝使用.
4. Connect leads properly and apply voltage according to specification.



NO.	DESCRIPTION	SPECIFICATION	QTY	VENDOR	PART NO.	REMARKS	DESCRIPTION	DC FAN		
							MODEL NO.	JFH40105H	SCALE	N.T.S
							DRAWN	曹小普	CHKD	吴明峰
									APPD	周向阳
							YONG LIN XING ELECTRONICS(SHENZHEN) CO., LTD			

DESCRIPTIONPRODUCT COVERED:

USR/CNR, component - Electric fans, Models:

DFS251005L	DFS251012L	DFS401012L
DFS251005M	DFS251012M	DFS401012M
DFS251005H	DFS251012H	DFS401012H
DFB251005L	DFB251012L	DFB401012L
DFB251005M	DFB251012M	DFB401012M
DFB251005H	DFB251012H	DFB401012H
DFC251005L	DFC251012L	DFC401012L
DFC251005M	DFC251012M	DFC401012M
DFC251005H	DFC251012H	DFC401012H
DFS301005L	DFS301012L	DFS501012L
DFS301005M	DFS301012M	DFS501012M
DFS301005H	DFS301012H	DFS501012H
DFB301005L	DFB301012L	DFB501012L
DFB301005M	DFB301012M	DFB501012M
DFB301005H	DFB301012H	DFB501012H
DFC301005L	DFC301012L	DFC501012L
DFC301005M	DFC301012M	DFC501012M
DFC301005H	DFC301012H	DFC501012H
DFS401005L		
DFS401005M		
DFS401005H		
DFB401005L		
DFB401005M		
DFB401005H		
DFC401005L		
DFC401005M		
DFC401005H		





**CERTIFICATE**

**No. B 04 12 34564 008**

**Model(s):**

DFX2510 Series, DFX3010 Series,  
 DFX4010 Series, DFX5010 Series  
 DF X 25 10 y z  
 A B C D E F  
 A - Commercial Code  
 B - Bearing Type  
     X can be S, B or C  
     S - Sleeve Bearing  
     B - Ball Bearing  
     C - Complex with Sleeve & Ball Bearing  
 C - Frame Size  
     25 - 25 mm by 25 mm  
     30 - 30 mm by 30 mm  
     40 - 40 mm by 40 mm  
     50 - 50 mm by 50 mm  
 D - Frame Thickness  
     10 - 10 mm  
 E - Input Voltage  
     y can be 05 or 12  
     05 - 5 Vdc  
     12 - 12 Vdc  
 F - Fan Speed  
     z can be H, M or L  
     H - High Speed  
     M - Medium Speed  
     L - Low Speed

**Parameters:**

Rated input voltage: 5 or 12 Vdc  
 Protection class: III  
 Max. ambient temperature: 25°C  
 Degree of protection against ingress of liquids: Ordinary

Remark: When installing, all requirements of below mentioned test standards must be fulfilled.  
 See attachment for model designation and ratings.

**Tested according to:**

EN 60950-1:2001

**Production Facility(ies):**

52640

*Bill [Signature]*

# CERTIFICATE OF COMPLIANCE

**Manufacturer** .....: Young Lin Tech Co., Ltd.

**Address** .....: No. 175, Hsin I Road  
Ta Pi Hsiang, Yun Lin  
Taiwan, R. O. C.

**Description of EUT**.....: DC Fan

**Model Designation**.....: DFX251005Y, DFX301005Y  
DFX401005Y  
(X = S, B or C; Y = H, M or L)

**Tested According to**.....: EN 50 082-1:1992, EN 50 081-1:1992  
IEC 801-2:1984, EN 55 014:1993  
IEC 801-3:1984, EN 55 022:1994  
IEC 801-4:1988 EN 60 555-2:1987

*This evaluation was carried out to the best of our knowledge and ability, and our responsibility is limited to the exercise of reasonable care. This certification is not intended to relieve the sellers from their contractual obligations.*

**Issued Date**.....: November 5, 1998

**Issued Agency** ...: **Safety Services International Inc.**  
7F, No. 758, Chung-Cheng Road  
Chungho City, Taipei Hsien  
Taiwan, R. O. C.

**Tested by** .....: *Grace Shieh*  
Project Engineer

**Checked by** .....: *Wilson Wang*  
Wilson Wang / Engineering Manager

**Approved by** .....: *Peter Wang*  
Peter Wang / Director

