

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)

DFS 300612H

送樣日期：
(SENDING DATE)

2008-3-19

客戶簽章：
SIGNATURE

永林興電子(深圳)有限公司制作

審核：
APPROVED BY:

確認：
CHECKED BY:

作成：
PREPARED BY:

李小卫 3/19

余宗应 3/19

熊莉 3/19

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！



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.

ISO9001(2000)
ISO14001
CERTIFIED SUPPLIER
Version 2006 <http://www.yltc.cn>

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.....
 .SPECIFICATION FOR APPROVAL

TO:	SAMPLE ISSUE NO.:ZS0803034
MODEL: DFS 300612H	SAMPLE ISSUE DATE: 2008-3-19
PART NAME: DC FAN(RoHS)	SAMPLE Q' TY:11PCS

REV: 1

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	12 VDC
OPERATION VOLTAGE	10.8~13.2VDC
STARTING VOLTAGE	9VDC(ON/OFF)
INPUT CURRENT	实测: 0.10±0.02A
INPUT POWER	1.0W 安规: 1.4W
SPEED (10 MINUTE/ ROOM TEMPERATURE 25°C)	10000 RPM _{+20%}
MAX.AIR FLOW (AT ZERO STATIC PRESSURE)	3.82CFM
MAX.AIR PRESSURE (AT ZERO AIPFLOW)	3.59mmH ₂ O
ACOUSTICAL NOISE (AVG.)	32.02dB-A
SAFETY TYPE	UL TUV CE CSA

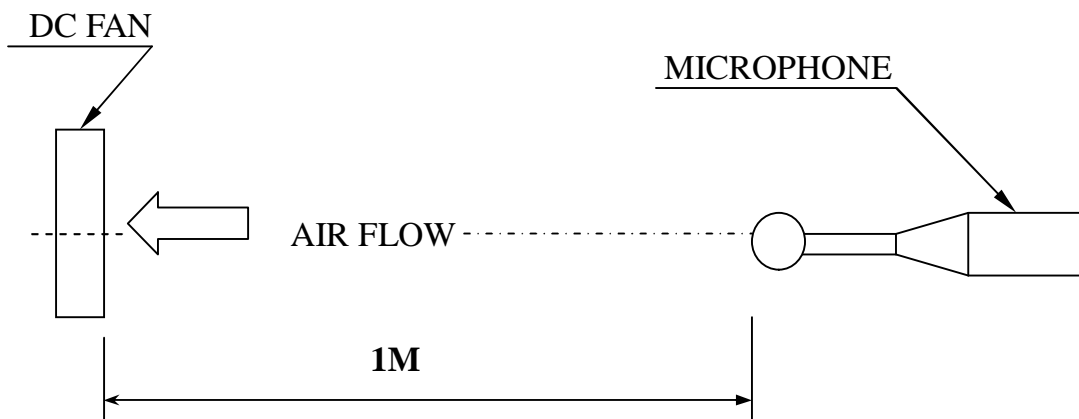
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YOUNG LIN TECH CO., LTD

MODEL: DFS30061 2H

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	20,000 HOURS CONTINUOUS OPERATION AT 25°C WITH 15~65 %RH.
ROTATION	WIDDERSHINS VIEW FROM FRAME PLATE SIDE
OVER CURRENT SHUT DOWN	INAPPLICABILITY
LEAD WIRE	UL 1061 – AWG #28 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

YOUNG LIN TECH CO., LTD,

MODEL: DFS300612H

3. MECHANICAL:

- 3-1. DIMENSIONS ----- SEE DIMENSIONS DRAWING
- 3-2. FRAME ----- PLASTIC UL: 94V-0
- 3-3. IMPELLER ----- PLASTIC UL: 94V-0
- 3-4. BEARING SYSTEM ----- SLEEVE BEARING
- 3-5. WEIGHT ----- 6 GRAMS

4. ENVIRONMENTAL:

- 4-1. OPERATING TEMPERATURE ----- -10 TO + 70 DEGREE C
- 4-2. STORAGE TEMPERATURE ----- -40 TO + 75 DEGREE C
- 4-3. OPERATING HUMIDITY ----- 5 TO 90 % RH
- 4-4. STORAGE HUMIDITY ----- 5 TO 95% RH

5. PROTECTION:

5-1. DROP TEST

IN MINIMUM PACKAGING CONDITION FAN WITHSTANDS EACH ONE DROP OF THREE FACES FROM 30 CM DISTANCE HEIGHT ONTO 10 MM THICKNESS OF WOODEN BOARD.

5-2. LOCKED ROTOR PROTECTION

IMPEDANCE OF MOTOR WINDING PROTECTS MOTOR FROM FIRE IN 15 MINUTE OF LOCKED ROTOR CONDITION AT THE RATED VOLTAGE.

6. RE OZONE DEPLETING SUBSTANCES;

6.-1.RESTRICTION SUBSTANCES OF SAMPLE ARE AS FOLLOWS:

Pb(PPM)<1000 Cd(PPM)<100 Hg(PPM)<1000
Cr6⁺ (PPM)<1000 PBBs (PPM)<1000 PBDEs (PPM)<1000

YLTC	Research & Development Department	
	Approved BY: 余宗应 3/19	Prepared BY: 熊莉 3/19

IMPORTANT NOTES & GENERAL INSTRUCTIONS

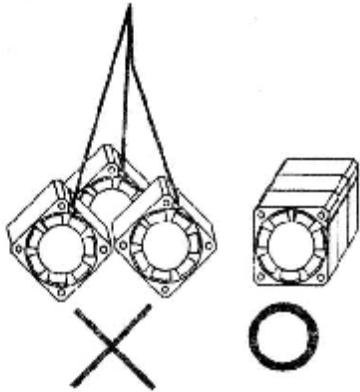
1. Any item which is needed to add into specification shall be determined on customer's prior written request. If no information given , fan will be delivered based on our standard judgment.
2. Customer shall confirm the matching and reliability of fan on actual set or unit application.

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

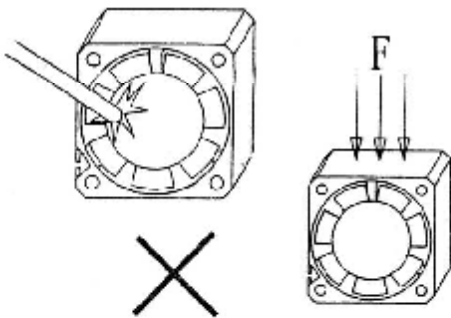
風扇使用注意事項



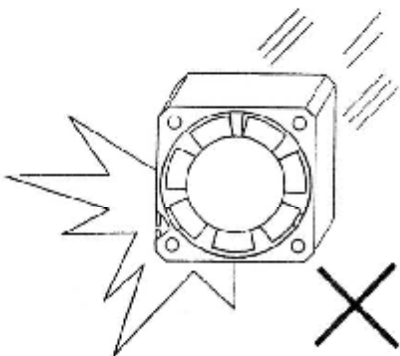
HOW TO HANDLE FAN PROPERLY?



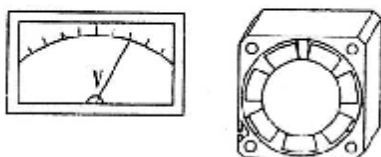
1. 取用風扇，輕取外框兩側，不可拉扯導線。
1. Hold the fan by frame side. Do not hold lead wires to support the fan.



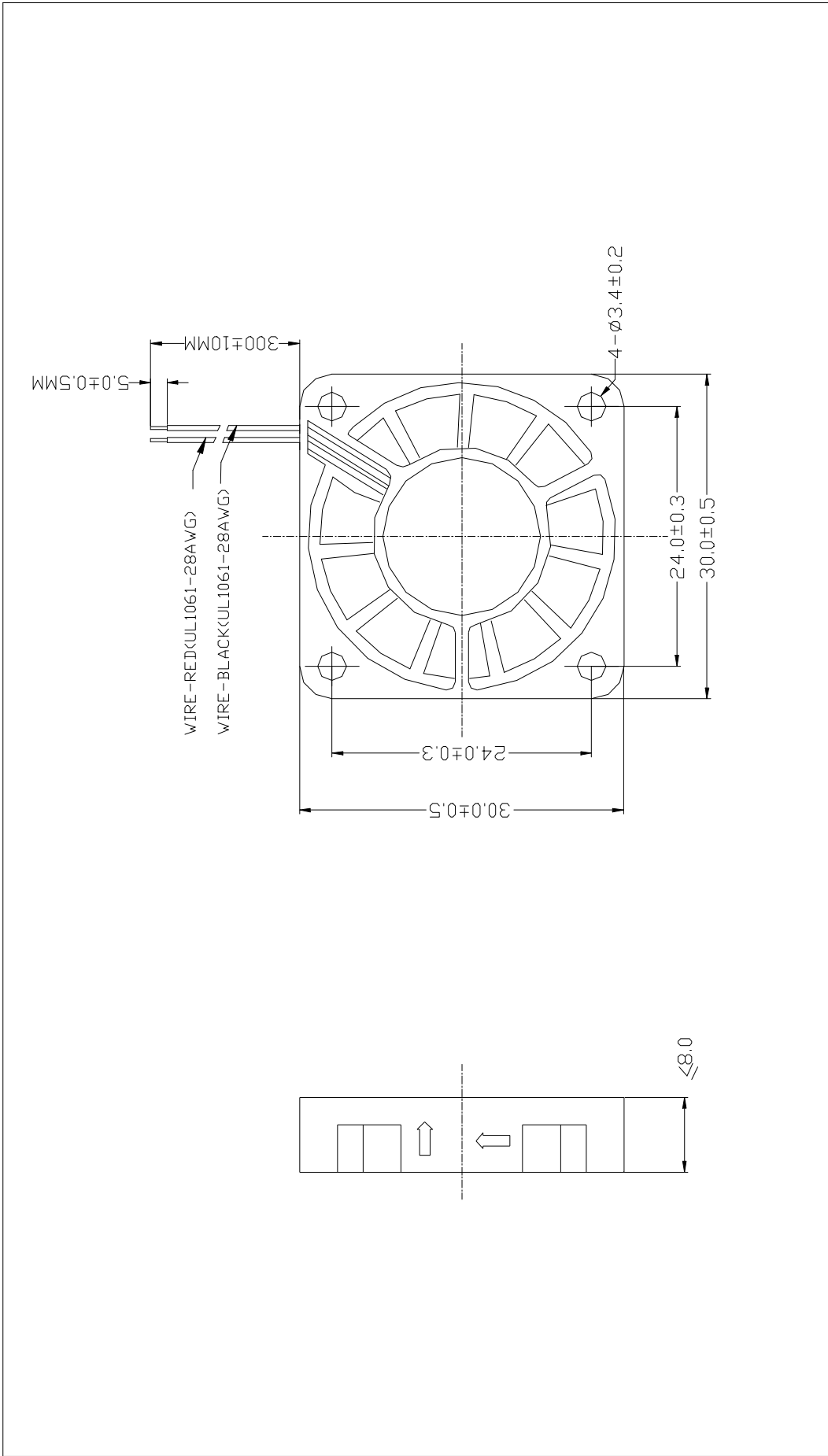
2. 取用風扇，不可碰觸或擠壓扇葉與外框。
2. No touching or pressing on the impeller hub. Avoid crushing the frame side.



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	Q'TY	VENDOR	PART NO.	REMARKS	DESCRIPTION	DC FAN	SCALE	N.T.S
							MODEL NO.	DF 300612H		
							DRAW:	熊莉3/19	APPD:	余宗应3/19
							YONG LIN XING ELECTRONICS(SHENZHEN) CO., LTD			

DESCRIPTIONPRODUCT COVERED:

USR, Component - Electric fans, models as below:

DFS300612M	DFS400612M	DBS350812M	DBS450912M
DFS300612H	DFS400612H	DBS350812H	DBS450912H
DFB300612M	DFB400612M	DBB350812M	DBB450912M
DFB300612H	DFB400612H	DBB350812H	DBB450912H
DFS300605M	DFS400605M	DBS350805M	DBS450905M
DFS300605H	DFS400605H	DBS350805H	DBS450905H
DFB300605M	DFB400605M	DBS350805M	DBB450905M
DFB300605H	DFB400605H	DBS350805H	DBB450905H
DFS400912L	DFS400905L	DFS500905L	
DFS400912M	DFS400905M	DFS500905M	
DFS400912H	DFS400905H	DFS500905H	
DFB400912L	DFB400905L	DFB500905L	
DFB400912M	DFB400905M	DFB500905M	
DFB400912H	DFB400905H	DFB500905H	
DFC400912L	DFC400905L	DFC500905L	
DFC400912M	DFC400905M	DFC500905M	
DFC400912H	DFC400905H	DFC500905H	

ELECTRICAL RATINGS:

<u>Model No.</u>	<u>Volts</u>	<u>Watts</u>
DFS300612M	12	1.2
DFS300612H	12	1.4
DFB300612M	12	1.2
DFB300612H	12	1.4
DFS300605M	5	0.6
DFS300605H	5	1.0
DFB300605M	5	0.6
DFB300605H	5	1.0

CADLS



Product Service

CERTIFICATE
 No. B 04 12 34564 007

Model(s):

DFX3006 Series, DFX4006 Series, DBX3506 Series,
 DBX4509 Series, DFX4009 Series, DFX5009 Series
 Difference
 DF X 30 06 y z
 A B C D E F

A - Commercial Code	
DF - DF series	DB - DB series
B - Bearing Type	S - Sleeve Bearing
B - Ball Bearing	
X can be C, B or S	
C - One Ball One Sleeve	B - Bearing Type
S - Sleeve Bearing	
C - Frame Size	
30 - 30 by 30 mm	35 - 35 by 35 mm
40 - 40 by 40 mm	45 - 45 by 45 mm
50 - 50 by 50 mm	
D - Frame Thickness	
06 - 6 mm	08 - 8 mm
09 - 9 mm	
E - Input Voltage	
y can be 05 or 12	
05 - 05 V dc	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:	45°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 models designation and ratings.

Tested according to:

EN 60950-1:2001

Production Facility(ies):

52640

Bill L.

DFC500905H	5	1.2
DFS2501012L	12	1.2
DFS251012M	12	1.3
DFS251012H	12	1.5
DFB251012L	12	0.7
DFB251012M	12	0.8
DFB251012H	12	1.6
DFC251012L	12	0.7
DFC251012M	12	0.8
DFC251012H	12	1.4
DFS300612M	12	1.2
DFS300612H	12	1.4
DFB300612M	12	1.2
DFB300612H	12	1.4
DFS301012L	12	0.7
DFS301012M	12	1.3
DFS301012H	12	1.5
DFB301012L	12	0.7
DFB301012M	12	1.3
DFB301012H	12	1.4
DFC301012L	12	0.7
DFC301012M	12	1.3
DFC301012H	12	1.4
DBS350812M	12	1.3
DBS350812H	12	1.5
DBB350812M	12	1.3
DBB350812H	12	1.5



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.....: DFX300612Y, DFX400612Y,
 DBX350812Y, DBX450912Y
 (X = S or B; Y = M or H)
 DFX400912Y, DFX500912Y
 (X = S, B or C; Y = L, M or H)

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

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.....: August 24, 1999
Issued Agency...: Safety Services International Inc.
 7F, No. 758, Chung-Cheng Road
 Chungho City, Taipei Hsien
 Taiwan, R. O. C.

Tested by.....: *Teresa Hsiao*
 Project Engineer

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

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

