| 客戶名                | 稱: TM               | ₽- <b>Г</b>         |                     |
|--------------------|---------------------|---------------------|---------------------|
| (CUSTOM)           |                     |                     |                     |
| 客户料<br>(PART NO)   |                     |                     |                     |
| 品名規<br>(DESCRIP    |                     | 3401012H            |                     |
| 送樣日<br>(SENDING    |                     | 9-5-27              |                     |
| 客戶簽章:<br>SIGNATURE | 永林與電                | 子(深圳)有              | 限公司制作               |
|                    | 审核:<br>APPROVED BY: | 确 认:<br>CHECKED BY: | 作成:<br>PREPARED BY: |
|                    | 周向阳                 | 吴明峰                 | 周 元                 |

### SPECIFICATION FOR APPROVAL

| IO: IM&F                | SAMPLE ISSUE NO.: YLM0090548-2 |
|-------------------------|--------------------------------|
| MODEL: DFB401012H       | SAMPLE ISSUE DATE: 2009-5-27   |
| PART_NAME: DC_FAN(RoHS) | SAMPLE_Q'_TY: 6PCS             |
|                         | 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:

| $2. \cup \square A K A \cup \_ E K S = \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_$ |                                     |
|-----------------------------------------------------------------------------------------------|-------------------------------------|
|                                                                                               |                                     |
|                                                                                               | _12_VDC                             |
|                                                                                               | _10.8~13.2VDC                       |
|                                                                                               | _6VDC(ON/OFF)                       |
|                                                                                               | 0.06±0.02A                          |
| SPEED<br><u>(10 MINUTE/ ROOM TEMPERATURE 25℃)</u><br>AIR FLOW                                 | 6000 RPM <u>+</u> 15%               |
| AIR PRESSURE                                                                                  | _6 <u>.40CFM</u>                    |
| ACOUSTICAL NOISE (AVG.)                                                                       | 3.31mmH <sub>2</sub> O<br>26.26dB-A |
|                                                                                               |                                     |

(Continued) Page: 1

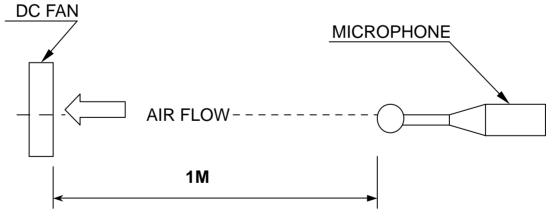
| YOUNG LIN TECH CO., LTD, |
|--------------------------|
|                          |
| MODEL: DFB401012H        |
|                          |

| INSULATION STRENGTH | 10 MEG OHM MIN.AT 500 VDC<br>(BETWEEN FRAME AND (+) TERMINAL)<br>5 mA MAX. AT 500 VAC 60 Hz<br>ONE MINUTE, (BETWEEN FRAME AND<br>(+) TERMINAL) |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | 50,000 HOURS CONTINUOUS OPERATION                                                                                                              |
|                     | AT 25°C_WITH 15~65_%RH<br>WIDDERSHINS VIEW<br>FROM_FRAME_PLATE_SIDE<br>INAPPLICABILITY                                                         |
| LEAD WIRE           | UL 1007 – AWG #26<br>BLACK BLACK : (-)<br>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



| 3-1. DIMENSIONS— — — — — — — — — — — — — — — — — — — | SEE DIMENSIONS DRAWING        |
|------------------------------------------------------|-------------------------------|
| 3-2. FRAME                                           | — — — — — — PLASTIC UL: 94V-0 |
| 3-3. IMPELLER                                        | - — — — — — PLASTIC UL: 94V-0 |
| 3-4. BEARING SYSTEM                                  | TWO BALL BEARING              |
| 3-5. WEIGHT                                          | — — — — — — — — 13GRAMS       |

#### 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 |  |

|      | Research & Development Department |             |              |
|------|-----------------------------------|-------------|--------------|
| YLTC | Approved BY:                      | Checked BY: | Prepared BY: |
|      | 周向阳                               | 吴明峰         | 周远           |

## **IMPORTANT NOTES & GENERAL INSTRUCTIONS**

- 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.

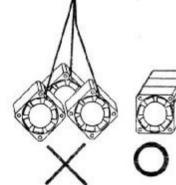
This include confirmation on set or unit life, electrical noise, mechanical noise, Vibration static electricity ,electric power noise ,drift ,electric resonance between motor and control circuit ,mechanical resonance between motor and chassis, irregular movement of set due to motor noise ,irregular movement 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

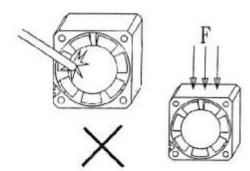
Page: 4

## 風扇使用注意事項

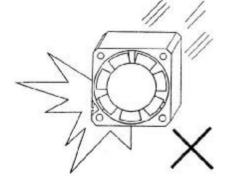
# HOW TO HANDLE FAN PROPERLY?



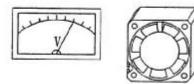
- 1. 取用風扇,輕取外框兩側,不可 拉扯導線。
- Hold the fan by frame side. Do not hold lead wires to support the fan.



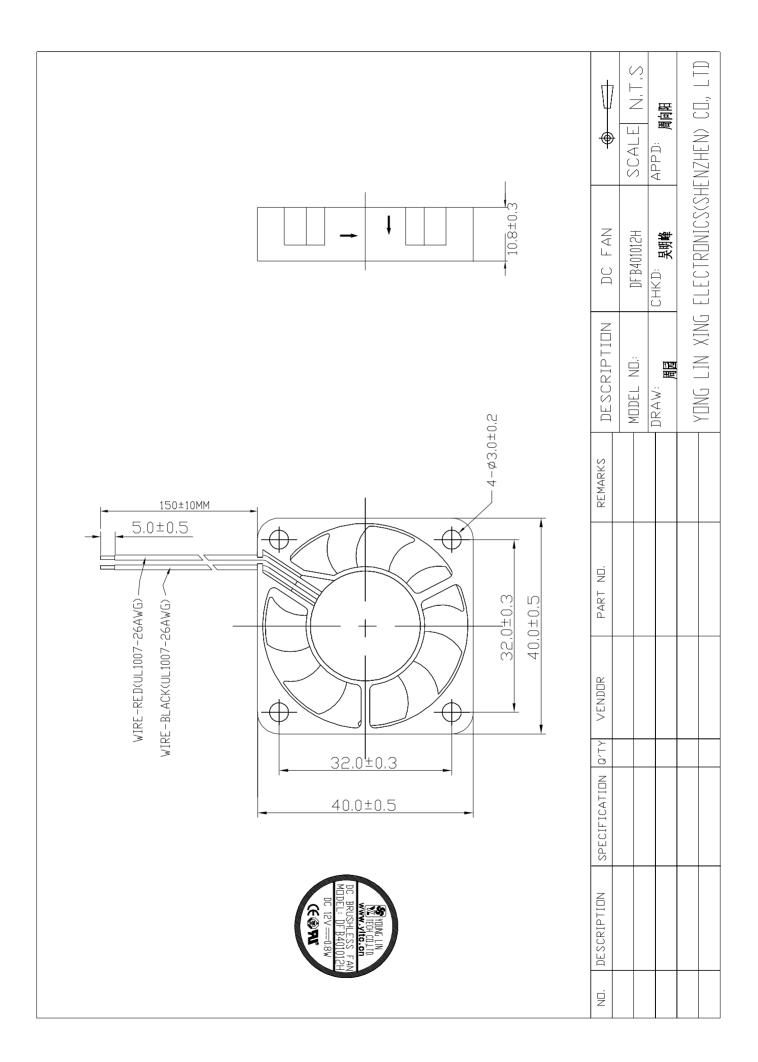
- 取用風扇,不可碰觸或擠壓扇葉與 外框.
- 2. No touching or pressing on the impeller hub.
  - Avoid crushing the frame side.



- 風扇巖禁掉落地面,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 priperly and applty voltage according to specification.



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