



## Strikefan Electronic Co.,Ltd

# APPROVAL SHEET

Customer : \_\_\_\_\_  
Model No : SFA1504-5  
Part No : C.Q58.W(1)  
Description : DC Fan (RoHS)  
Date : 2023 / 5 / 3  
Revision : \_\_\_\_\_

CUSTOMER APPROVED	CHECKED BY	PREPARED BY
	陳裕仁	洪莉嫻

THIS OFFER IS MADE ACCORDING TO YOUR CURRENT INQUIRY. UNLESS OTHERWISE REVISED, THIS SPECIFICATION WILL BE FINAL FOR ALL FUTURE PRODUCTION ORDERS FROM YOUR RESPECTED COMPANY KINDLY STUDY IN DETAILS AND RETURN TO US THE DUPLICATE DULY SIGNED AS YOUR CONFIRMATION OF SAME





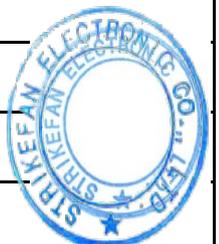
# SPECIFICATION

## DC AXIAL FAN

ITEM	SPECIFICATION / CONDITION
P/N	SFA1504-5-C.Q58.W(1)
Dimension 尺寸	15 x 15 x 4 mm
Bearing Type 軸承	WRB Bearing
Rated Voltage 額定電壓	5 VDC
Operating Voltage 工作電壓範圍	4.5~5.5 VDC
Startup Voltage 啟動電壓	4.5 V
Rated Current 額定電流	30.00(Max:36.00) mA
Consuming Power 消耗功率	0.15 W
Rated Speed 額定轉速	16000 RPM±20%
Air Flow 風量	0.28 CFM
	0.01 m <sup>3</sup> /min
Static Pressure 靜壓	2.96 mm-H <sub>2</sub> O
	0.12 inch-H <sub>2</sub> O
Noise Level 噪音	23.70 dBA
Safety Certification 安規	CE

## SPECIAL FUNCTION TYPE 特殊功能類型

Auto Restart By IC 自動重啓 (IC版)	YES
Soft Start 軟啟動	NO
Speed Control (FG) 速度檢測	NO
Alarm Control (RD) 警示功能	NO
Pulse Width Modulation 脈寬調控	NO
Temperature Control 溫度控制	NO
Waterproof Level 防水等級	IP58





### 1.MATERIAL:

1-1.FRAME : PBT UL94V-0

1-2.IMPELLER PBT UL94V-0

1-3.BOBBIN PBT UL94V-0

1-4.Shaft holder :

V	Plastic		Copper
	Aluminum		

### 2.ENVIRONMENTAL

2-1.OPERATING TEMPERATURE : -10 TO +60 DEGREE°C

2-2.STORAGE TEMPERATURE : -20 TO +70 DEGREE°C

2-3.OPERATING HUMIDITY : 15 TO 90% RH

2-4.STORAGE HUMIDITY : 15 TO 90% RH

### 3. Electrical specification :

3-1.LOCKED ROTOR PROTECTION

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

3-2.INSULATION RESISTANCE

10 MEG OHM( MIN.) AT 500 VDC (BETWEEN FRAME AND (+) TERMINAL)

3-3.INSULATION STRENGTH

5 mA MAX. AT 500 VAC 60 Hz ONE MINUTE, (BETWEEN FRAME AND(+)TERMINAL)

### 4.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.LIFE EXPECTANC

50000 HOURS CONTINUOUS OPERATION

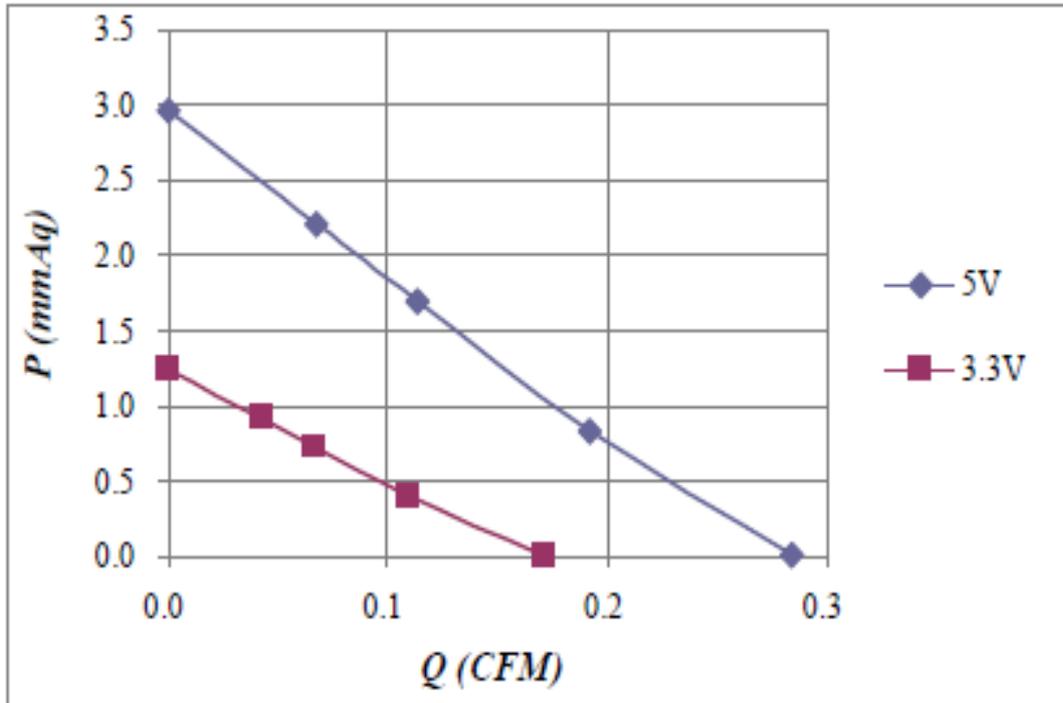
ONE YEAR WARRANTY AT 40°C WITH 15~65 %RH..





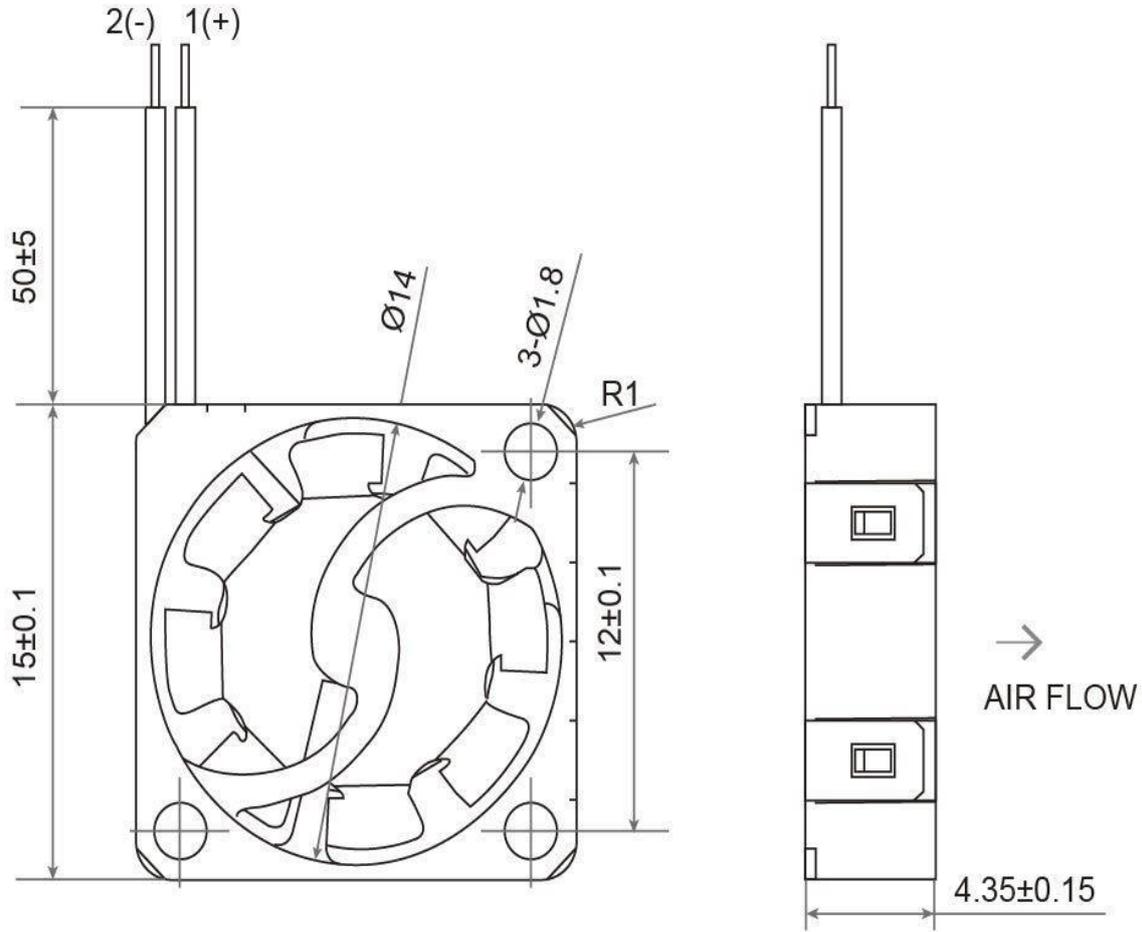
### 6.Fan Performance Curve Test Report

Test Conditions			
Barometric Pressure:	752.4	Test Voltage:	At rated Voltage
Relative humidity:	66.83%	Test Temp. :	25 °C





### 7.OUTLINE STYLING & DIMENSIONS :

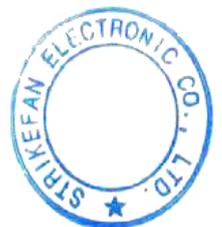


**NOTE:**

**LEAD WIRES: WIRES UL1571#30 AWG**

**RED WIRE-----(+)**

**BLACK WIRE---(-)**



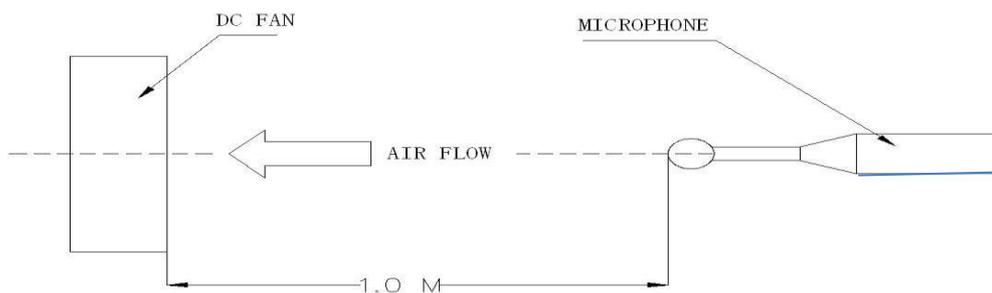


## NOTES(一):

1. PLEASE DO NOT TOUCH AND PUSH FAN BLADE WITH FINGERS OR OTHERS, FAN BLADE AND BALL BEARINGS MAY BE DAMAGED AND IT CAUSES NOISE DEFECT.
2. DO NOT CARRY THE FAN BY ITS LEAD WIRES.
3. IF THE FAN DOES NOT HAVE THE POLARITY PROTECTION FUNCTION,THE CONNECTION OF THE COLORED WIRES SHOULD BE RED+RED, AND BLACK+BLACK,OR ELSE THE FAN WILL BE DAMAGED IN NO TIME.
4. FOR THE MODELS WITHOUT REVERSE CONNECTION OF POLARITY PROTECTION, PLEASE DO NOT CONNECT THE LEAD WIRE IN REVERSE.
5. PLEASE DON'T INSTALL THIS FAN IN SERIES WITH 2X VOLTAGE INPUTS. FOR EXAMPLE, IF A SINGLE FAN RATED AT 12V,THEN DON'T INSTALL TWO OF THEM IN SERIES WITH 24V INPUT.
6. THE PERIOD OF PRODUCT WARRANTY,UNLESS OTHERWISE AGREED BY STK IN WRITTEN, SHALL BE 12 MONTHS STARTING FROM THE DATE OF PRODUCTION.
7. IN ORDER TO AVOID ABNORMAL BUMPING OR INTERFERENCE CAUSED BY DEFORMED IMPELLER WHEN FAN IS FASTENED,SUGGESTED DISTANCE OF AT LEAST 0.5MM IS STRONGLY RESERVED IN FRONT OF THE FRAME(THE SIGHT FROM THE IMPELLER FACE).

## NOTES(二):

1. ALL READINGS ARE MEASURED AFTER STABLY WARMING UPTHROUGH 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 ANECHOICCHAMBER WITH B & K SOUND LEVEL METER WITH MICROPHONE AT A DISTANCE OF ONE METER FROM THE FAN INTAKE





E-mail: atl@atllab.org  
 Web: Http://www.atllab.org

Floor.5,Genesis Zhongye Building,No.22,  
 Puzai Road,Pingdi Street,Longgang District,  
 Shenzhen,Guangdong,China (518000)

# EC-Certification of Conformity

## EMC Directive 2014/30/EU

Registration No.: ATL202112071171  
 Applicant: STRIKEFAN ELECTRONIC CO.,LTD.  
 Applicant Address: 4F,NO.100,CHUNG HSIN RD.,HSICHIH DIST,NEW TAIPEI CITY,22158,TAIWAN  
 Manufacturer: STRIKEFAN ELECTRONIC CO.,LTD.  
 Manufacturer Address: 4F,NO.100,CHUNG HSIN RD.,HSICHIH DIST,NEW TAIPEI CITY,22158,TAIWAN  
 Product Designation: DC Fan  
 Brand Name: STK  
 Model / Series Models: 1238,1305,1504,1708,1804,2004,2008,2507,2512,3004,3008,4505,2010,2510,  
 3007,3010,3510,4010,4015,4510,4020,4028,5010,5015,5020,6010,6015,6020,  
 6025,6038,7010,7015,7025,7020,7032,7038,8010,8015,8020,8025,8032,8038,  
 9015,9225,9232,9238,1225,1232,1238,1338,1425,1438,14050,1551,16050,17225,  
 17238,17251,20053,20060,20070,2230,25489,3517,7530,9733,17569,12030,  
 10025,5013,15040,13840,8030,8018,3006,3015,17255,22580,28080,5025,13380,  
 17065,19067,19072,22076,22599,225101,25099,25094,200,220,250,300,2589,  
 1751

Requirement	Applied Standards	Document Evidence	Result
EMC Directive	EN IEC 61000-6-1:2019; EN 61000-6-3:2007/A1:2011/AC:2012.	Test Report: ATL202112071171E01	Conform



*Kent Zhang*

Signed by Quality Manager  
 Issue Date: Dec. 15, 2021



Recognized by Shenzhen ATL Testing Technology Co., Ltd., in accordance with the EMC Directive 2014/30/EU. The certificate doesn't imply assessment of the production. The Applicant of the certificate is authorized to use this certificate in connection with EC declaration of conformity to the Directive. The certificate is only applicable to the equipments described above. This certificate shall not be re-produced except in full without the written approval of Shenzhen ATL Testing Technology Co., Ltd.

Note: This certificate is part of the full test report(s) and should be used in conjunction with it.