



Product Specification

Customer Name	
Product	DC Cooling Fan
Designed for	
Part No.	
Issue Date	2016-09-22
Spec No.	DFS401012H S3S02
Version	V1.7

Customer Approved By	Design	Inspect	Check
	Edison Hsieh		

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產品規格 / 承認書

PRODUCT SPECIFICATION / APPROVAL SHEET

A. 一般規格 (General Specification)

項目 (Item)		規格 / 條件 (Specification / Condition)	
01	型號 (Part No.)	DFS401012H S302	
02	外型尺寸 (Outline Dimension)	40x40x10mm	
03	額定電壓 (Rated Voltage)	DC 12V	
04	操作電壓 (Operating Voltage)	DC 10.8V ~ DC 12.0V	
05	起動電壓 (Starting Voltage)	DC 7.0V	
06	額定電流 (Rated Current)	0.10 A	a. 額定電壓(Rated Voltage) b. 25 C,100% duty cycle c. 65 % RH d. Measured after 5min.
07	消耗功率 (Power Consumption)	1.2 W	
08	轉速 (Rotational Speed)	6000 rpm±10%	
09	最大風量 (Max. Airflow)	6.13 CFM	
10	最大靜壓(Max. Static Pressure)	2.97 mm-H2O	
11	音量位準 (Noise Level)	30.8 dB(A)	
12	壽命預估 (Life Expectancy)	35000 hrs / 40℃	
13	極數 (No. of Pole)	4 極(Poles)	
14	迴轉方向 (Rotational Direction)	順時針(Clockwise from the label side)	

B. 電氣規格 (Electrical Specification)

項目 (Item)		規格 / 條件 (Specification / Condition)
01	絕緣阻抗 (Insulation Resistance)	10 MEG OHM MIN.AT 500 VDC (BETWEEN FRAME AND (+) TERMINAL)
02	絕緣耐壓 (Dielectric Strength)	5 mA MAX. AT 500 VAC 60 HZ ONE MINUTE, (BETWEEN FRAME AND LEADS)

C. 主要材料/零件規格 (Main Materials / Parts Specification)

材料/零件 (Materials / Parts)		規格 (Specification)
01	塑膠材料 / 扇葉、外框、絕緣套(Plastic Material/Blade, Housing, Bobbin)	PBT UL94V-0
02	軸承 (Bearing)	ENTER BEARING
03	導線 (Lead Wire)-G. P.	UL 1007 – AWG 26 Black:(-) Red:(+) Blue:(FG)
04	端子 (Connector)	2510-3pin

D. 環境測試 (Environmental Specification)

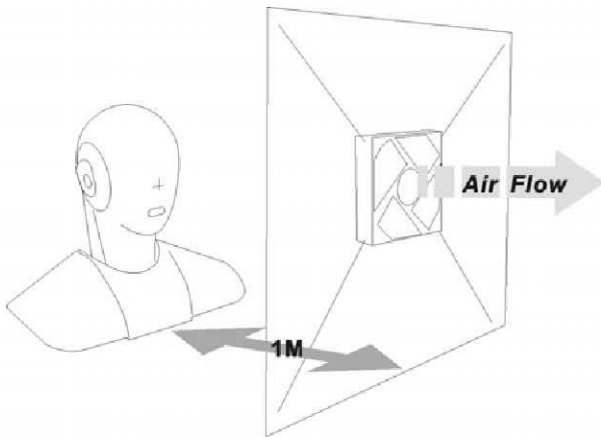
項目 (Item)	規格/條件 (Specification / Condition)
01	運轉溫/溼度範圍(Operating Temp. Range)
	溫度 / Temperature : -10°C~ 70°C 溼度 / Humidity : 35%-85%RH
02	保存溫/溼度範圍(Storage Temp. Range)
	溫度 / Temperature : -10°C~ 70°C 溼度 / Humidity : 35%-85%RH

E. 商標 (Label Marking)



(1)	型號 (Model No.)
(2)	額定電壓 (Rated Voltage)
(3)	電流 (Current)
(4)	安規 (Safety Approvals)
(5)	產地 (Location)
(6)	附碼 (Appendix Code)

F. 噪音量測條件 (Noise Measure Condition)



量測系統 (Measurement Systems) :
1.ANECHOIC Room Noise Measurement System.
2.Digital Head Measurement System, 16-bits version.
3.SQlab III, Mobile Multichannel Analysis System.
4.Specifications:ISO 3744, ISO 3745, ISO 7779, CNS 6753, JIS 8346
5.Background Noise: < 17dB(A)

G. 外觀尺寸圖 (Outline Dimension)

