



样品承认书

SPECIFICATION FOR APPROVAL

客户名称 CUSTOMER: _____
客户料号 PARTS NO: _____
承认编号 APPROVAL NO: _____ Z500 _____
风扇型号 FAN MODEL: _____ D1611N-04W-B05 _____
散热器型号 COOLER MODEL: _____
样品数量 QTY: _____ 1 _____ 日期 DATE: _____ 2018-07-19 _____

客户承认用印栏 APPROVED SIGNATURES

APPROVED	CHECKED	PREPARED
叶国洲	郝玉成	余丽华

制造: 三河市科丰电气有限公司
电话: 010-80843596 400-0106659

地址: 河北廊坊市三河市燕郊开发区百世金谷
传真: 010-80843596-8031 网址: www.cneport.com

一、规格 SPECIFICATIONS

项目 Item	描述 Description	条件 Condition
01 外形尺寸:	40x40x28	
02 额定电压 Rated Voltage	DC 12V	
03 操作电压 Operating Voltage	DC7~14V	
04 启动电压 Start-up Voltage	<7V	25℃ Power ON/OFF
05 额定电流 Rated Current	0.30A(MAX0.35A)	1. Rated Voltage
Current		2. 25℃/65%RH
06 额定转速 Rated Speed	11000±10% rpm/min	3. Measured after 3minutes
07 风量 Air Flow	16.16 (min14.54) CFM	1. PQ Measurement Apparatus
		2. Standard: AMCA
08 静压 Static pressure	17.80 (min14.42) mmAq	3. Rated Voltage
09 噪音 Noise level	43.9 (Max50.5) dB/A	1. Rated Voltage
		2. Background Noise: <18 dB/A
		3. Distance:1M
10 寿命预估 Life Expectance	50000hrs at40℃	1. L10 Failure Criteria
	相对湿度 15%~65%RH	2.Speed:Under15% of original value
		3. Current:Over20% of original value
		4. Fan not run
11 马达极数 Pole	4 Poles	
12 轴承 Bearing Type	滚珠轴承	
13 旋转方向 Rating Direction	Clockwise	From the Label side/从标签面
14 极性保护 Polarity Protection	Vcc 与 GND 反接时, 不导通	
	Open circuit when Vcc&GND are exchanged	
15 导线 Lead wires	Red(+),Black(-),Yellow(FG)	
	UL1007#26AWG, L=295±5mm	

二、直流风扇共同特性

DC FAN NORMAL CHARACTERISTIC

项目 Item	条件 Condition
01 绝缘阻抗 Insulation Resistanc	At least 10M Ω at 500 VDC between housing and both lead wires
02 绝缘耐压 Dielectric strength	Withstand 500 VAC 1 minute 1mA between housing and both lead wires
03 运转温度, 湿度范围 Operating Temp. Humidity Range	Temperature: -10~+70 $^{\circ}$ C Humidity :15%~90%RH
04 保存温度, 湿度范围 Storage Temp. Range	Temperature: -40~+95 $^{\circ}$ C Humidity :15%~90%RH

三、主要材料/零件规格

Main Materials/Parts Specification

项目 Item	规格 Specifications
01 外框材质 Frame	PBT UL94V-0
02 扇叶材质 Propeller	PBT UL94V-0
03 绝缘架 Bobbin	PBT UL94V-0
04 中管 In the tube	环保铜 CU
05 PCB	FR-0 94V-0

四、风量/噪音 Air volume / noise

1. P-Q 特性曲线测试(P-Q Characteristic curve test):

测试方法 (Testing Method) : 恒定电压测试 Constant Voltage

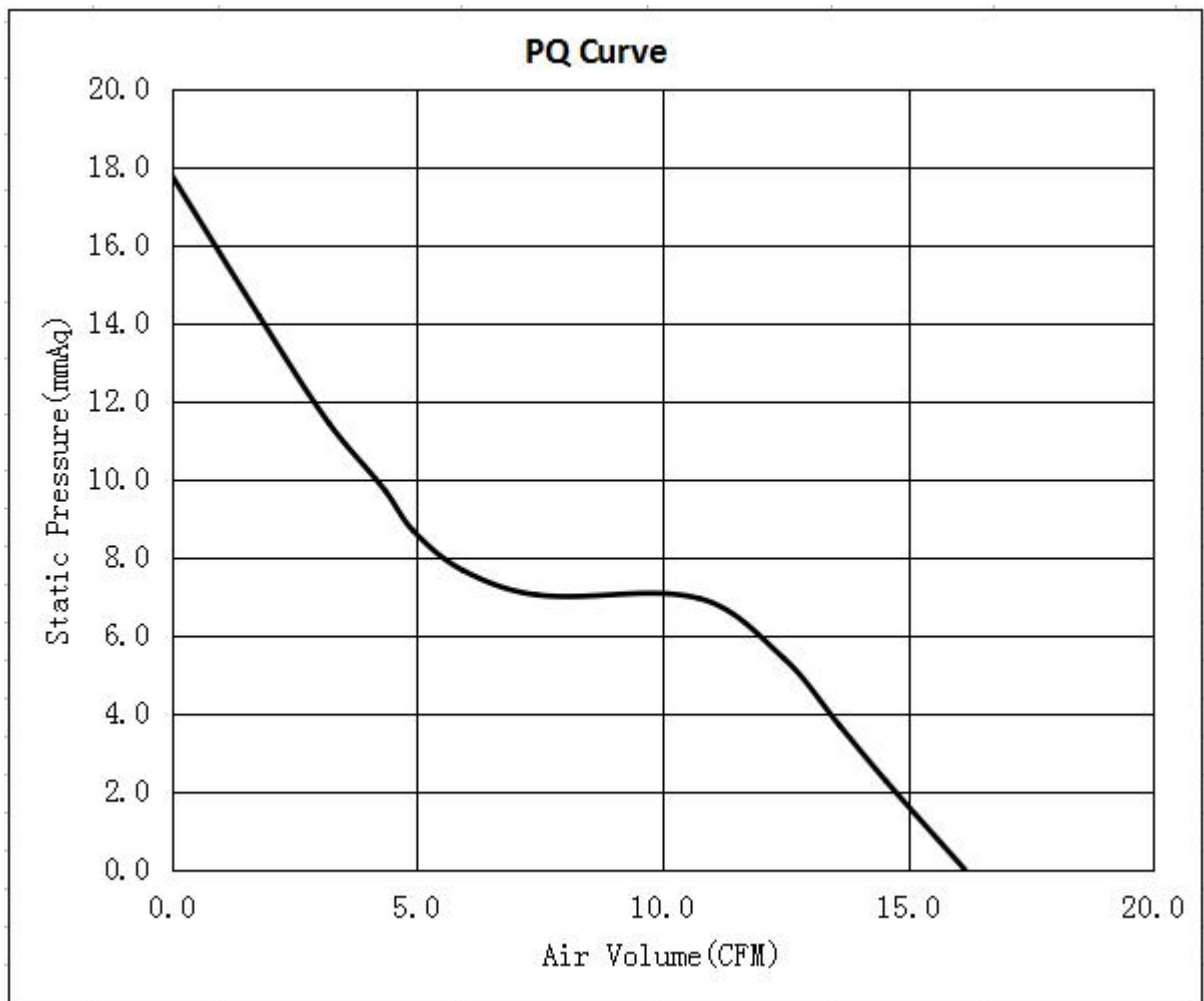
大气压力 (Barometric Pressure) : 752.4 mmHg

电压 Voltage: 在额定电压 At Rated Voltage

对湿度 (Relative Humidity) : 66.825%

测试温度 (Temperature) : 25°

测试数据 (test data) : Max Ps 17.80 mmAq Max Flow Rate :16.16CFM



2. Noise Test (噪音测试)

2-1 测试条件 Test Condition

测试方法 Test Method

A. 温度 Temperature: 25°C

A. 测试位置 Test Position: 180°

B. 湿度 Humidity: 62%RH

B. 测试距离 Test Distance: 1.0M From the fan intake

C. 额定电压 At Rated Voltage:12V DC

C. 背景噪音 Background Noise: <18 dB/A

D. 额定转速 At Rated Speed:11000RPM

D. 测试依照标准 IS03745 执行 This test executes to IS03745 standard

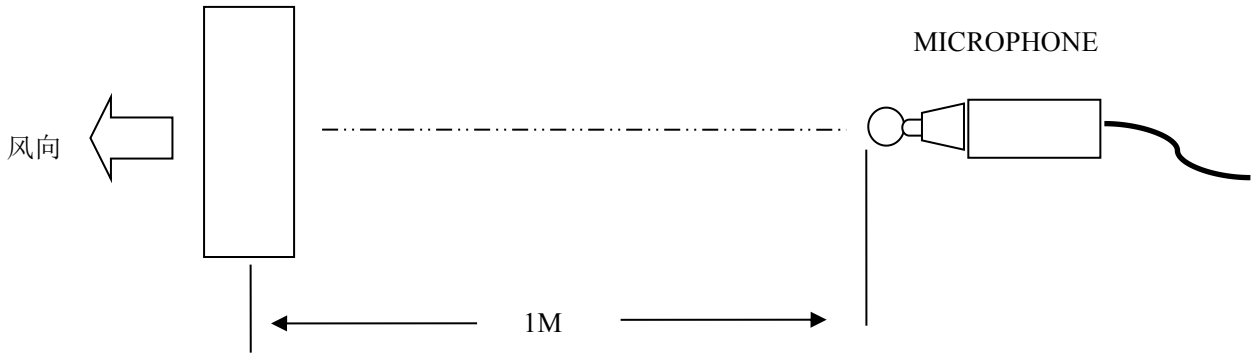
制造: 三河市科丰电气有限公司
电话: 010-80843596 400-0106659

地址: 河北廊坊市三河市燕郊开发区百世金谷
传真: 010-80843596-8031 网址: www.cnecport.com

测试设备 Test Equipment: 噪音频谱分析仪 Noise spectrum analyzer

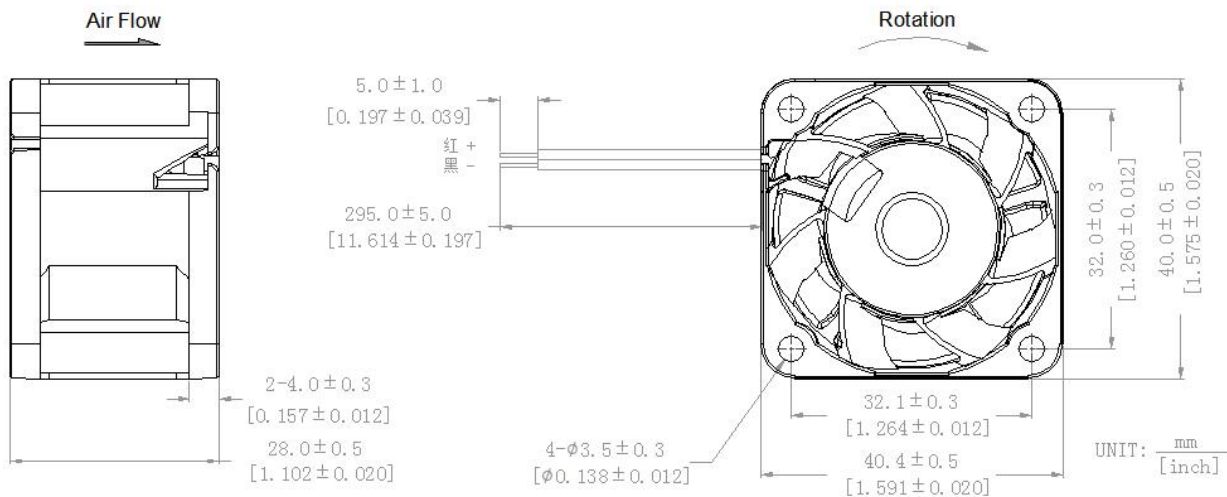
测试结果 Test Result: 噪音: 43.9 分贝 dB/A

2-2 噪音测试方法示意图 (Schematic diagram of noise test method) :



五、外观尺寸图

Appearance dimension drawing



制造: 三河市科丰电气有限公司
电话: 010-80843596 400-0106659

地址: 河北廊坊市三河市燕郊开发区百世金谷
传真: 010-80843596-8031 网址: www.cneport.com