

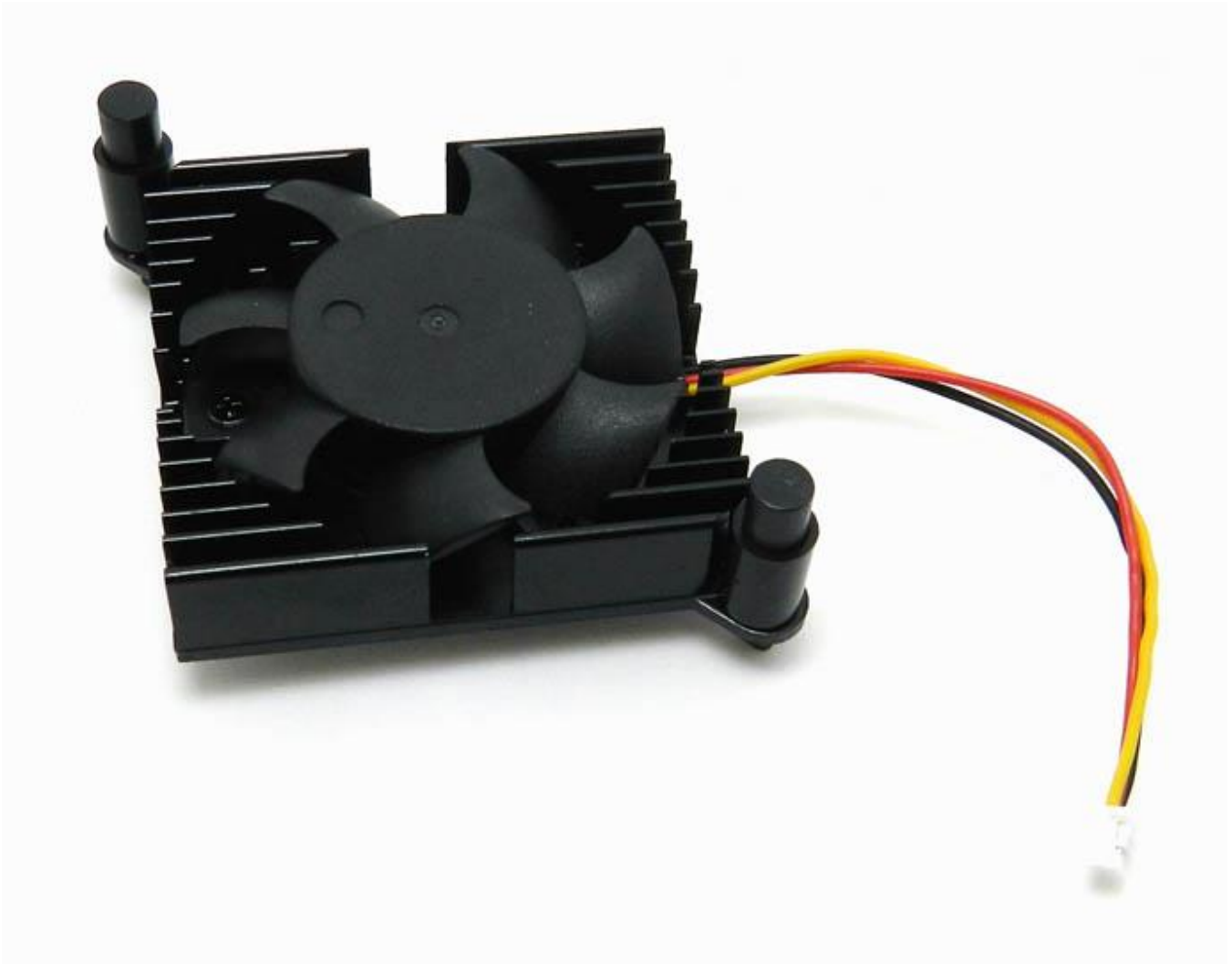
COOLCOX LIMITED

Add.: No. 1,WanSheng Road,Wangdong,Wangniudun Town,Dongguan,Guangdong,523199,China
Tel:+86-769-81162018 E-Mail:sales@coolcox.com

DESCRIPTION : VGA COOLER

PART NO.: VC-AL4009(LE)

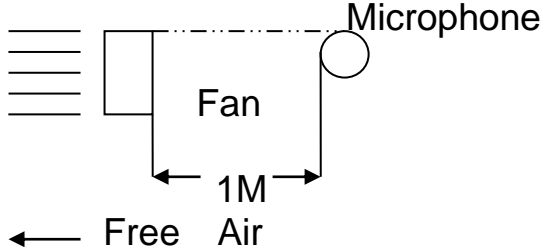
VGA COOLER PHOTOGRAPH



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1.0 一般規格 (General Specification)

1	型號 Model No.	VC-AL4009(LE)
2	Heat Sink	Aluminium (Black)
3	Mounting Hole	59MM
4	Heatsink Dimension	41MM(L) x 40.3MM(W) x 10MM(H)
5	Fan Dimension	40*40*10MM
6	電壓 Voltage	12V (10.8-13.2V)
7	起動電壓 Start voltage	6.0V (POWER ON/OFF)
8	消耗功率 Power consumption	0.72W
9	額定電流 Rated current	0.06A(Safety)
10	轉速 Speed	5,200±10%R.P.M. At 25°C, After 3~5 minutes rotating (Fan alone).
11	最大風量 Max air flow	5.8CFM
12	靜壓 Air Pressure	2.7 MM-H ₂ O
13	噪音 Noise	24Db-A 
14	Thermal Tape	Thermflow T725 (35x35mm)

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

1	塑膠材料/扇葉、框、絕緣套 Plastic material/Blade/Frame Housing Of Insulation	a,PBT b.Black frame & Blade 7 blades
2	軸承 (Bearing)	Sleeve Bearing
3	霍尔感应 IC	TELFORD FTC 211A
4	印刷線路板 P.C.B	a;單層印刷線路板 Single-layer PCB
5	漆包線 ENAMELED WIRE	2UEW
6	矽鋼片 SILICON STEEL STRIP	H23
7	引線 (Lead Wire)	UL1571 28# L=60±5 MM (+) Red (-)Black (FG) Yellow
8	端子 (Connector)	Molex 1.25mm pitch

3.0 電性規格 (Electrical Specifically)

1	絕緣阻抗 Insulation Resistance	10MΩ/裸線與外框間測量, 500VDC/min 10MΩ/between unshackled wire and frame at 500VDC/min
2	絕緣耐壓 Dielectric Strength	5Ma Max./導線與外框間測量, 500VAC/min 5Ma Max./Measured between lead wire(+)and frame at 500VAC/min
3	預期壽命 Expected Life	30,000 小時,25°C 30,000 hrs.25°C
4	運轉方向 Rotating Direction	逆時針 Anti-Clockwise
5	極性保護 Polarity Protect	VCC 與 GND 反接時, 電路不燒毀 Circuit is protected when VCC&GND are exchanged
6	極數 No. of pole	4 極 4Poles

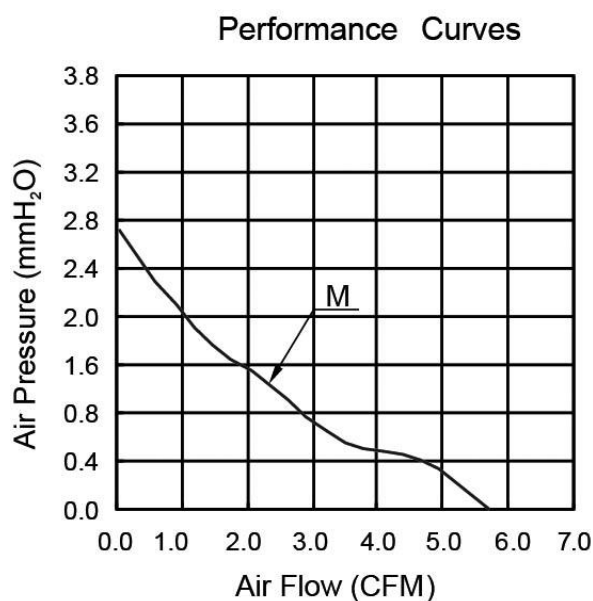
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4.0 環境測試 (Environmental Specification)

1	運轉溫/濕度範圍 Operating Temp .Range	溫度/Temperature:-10°C~+70°C 濕度/Humidity:35%~95%RH
2	保存溫/濕度範圍圍 Store Temperature	溫度/Temperature:-40°C~+70°C 濕度/Humidity:35%~85%RH
3	耐濕性 Humidity	電氣規格依據 MIL-STD 202F Method 103B 濕度: 95%RH 溫度: 40±2°C
4	熱沖擊 Thermal Shock	電氣規格依據 MIL-STD 202F Method 107D Per MIL-STD 202F Method 107D, Condition D
5	絕緣階段 Insulation Shock	UL: A 種 UL: Class A
6	包裝耐振動試驗 Packing Vibration Test	包裝後, XYZ 三方向施 1.1G load vibration test for 30min .No serious damaged
7	包裝耐沖擊試驗 Packing Shock Proof Test	捆包後, 高 60 公分, 1 棱角 3 邊 6 面自然落下, 無嚴重損壞. 1coner,3edges, 6faces natural drop from 60cm high packing No serious damaged

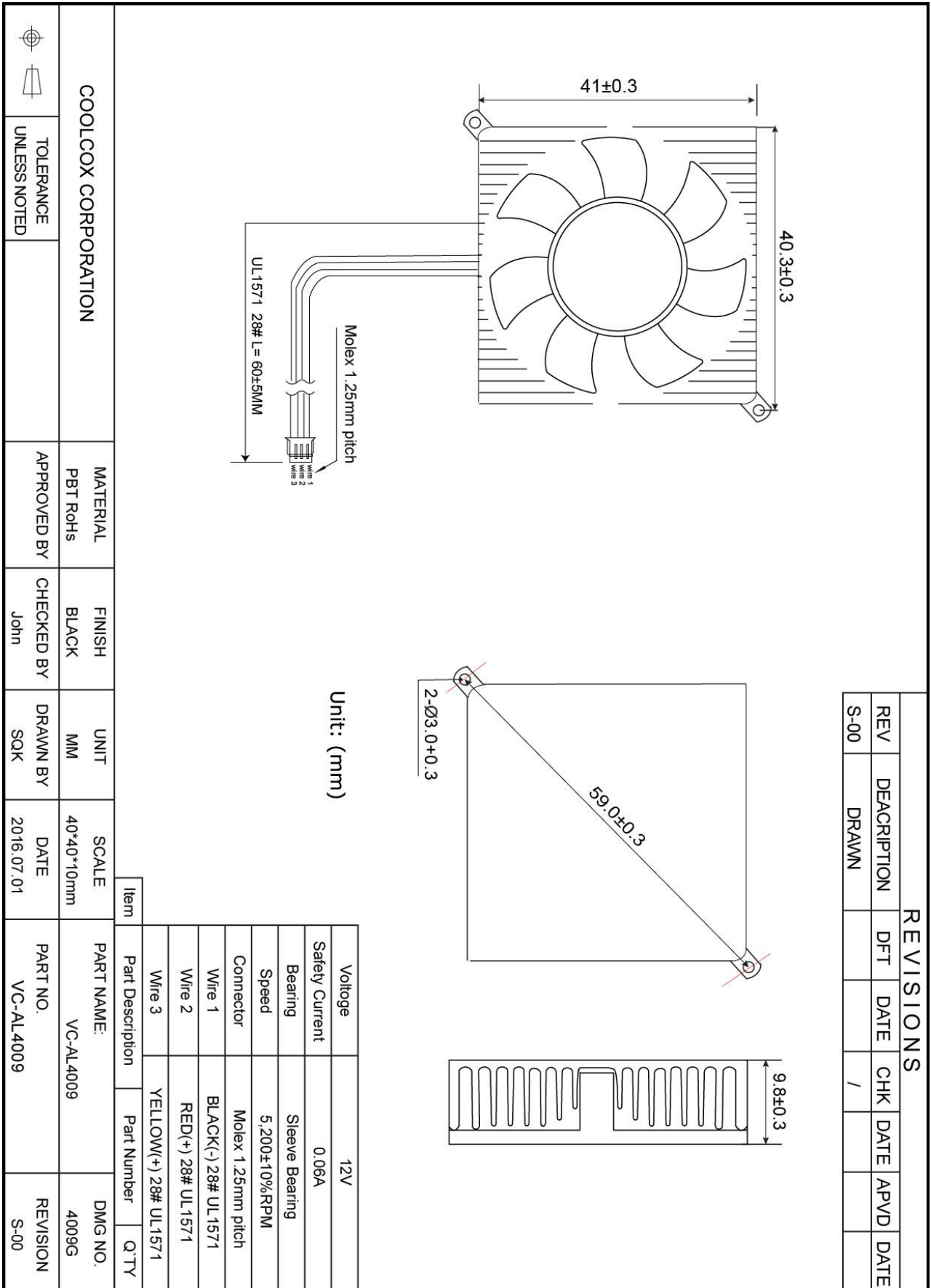
5.0 风压&风量 (Performance Curves)



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6. Part Dimension Drawing



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7.0 Push Pin Dimension Drawing

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		TOLERANCE UNLESS NOTED	0.0- 5.0 ±0.2 5.0- 20.0 ±0.3 20.0- 50.0 ±0.5	50.0-100.0 ±0.9 R=0.5 ANGULAR ±3°	MATERIAL PBT	COLOR BLACK	UNIT MM	BUILT-IN SPRING	PART NAME: PUSH PIN	DWG NO. A2																					
		APPROVED BY JASON	CHECKED BY John	DRAWN BY SQK	DATE 2016.05.25	PART NO. VC-AL4009-6019P	REVISION S-00																								
<table border="1"> <thead> <tr> <th colspan="6">REVISIONS</th> </tr> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DFT</th> <th>DATE</th> <th>CHK</th> <th>DATE</th> <th>APVD</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>S-00</td> <td>DRAWN</td> <td></td> <td></td> <td>/</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										REVISIONS						REV	DESCRIPTION	DFT	DATE	CHK	DATE	APVD	DATE	S-00	DRAWN			/			
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8.0 Thermal Tape Dimension Drawing

