

The logo for CAINTON, featuring the word "CAINTON" in a bold, white, sans-serif font. The letter "O" is replaced by a stylized gear icon with eight teeth. The logo is set against a solid blue rectangular background.

CAINTON

Change is a perpetual motion

Thermal Management

- Thermal Component - p.1-2
- Thermal Module - p.3-32
- OEM Service - p.33

Thermal Component

Our thermal management solutions cover a wide range of industries, including aerospace, automotive, batteries, data centers, etc.

- Heat Sink



- Heat Pipe



- Vapor Chamber



Thermal Component

Our thermal management solutions cover a wide range of industries, including aerospace, automotive, batteries, data centers, etc.

- Cold Plate



- Heat Exchanger



Thermal Module

We provide customized solutions for customers' heat dissipation condition in high-temperature environment. Examples as below:

- For Chipset



- For LED Lighting



- For Server



Thermal Module

We provide customized solutions for customers' heat dissipation condition in high-temperature environment. Examples as below:

- For VGA



- For Green Energy



- For Computer & Notebook



Thermal Module

154x113x21mm

- Fan Housing: Plastic (Flammability:UL94V-0)
- Fan Impeller: Plastic (Flammability:UL94V-0)
- Heat Sink: Aluminum
- Certification: CE, RoHS
- Additional functions are optional

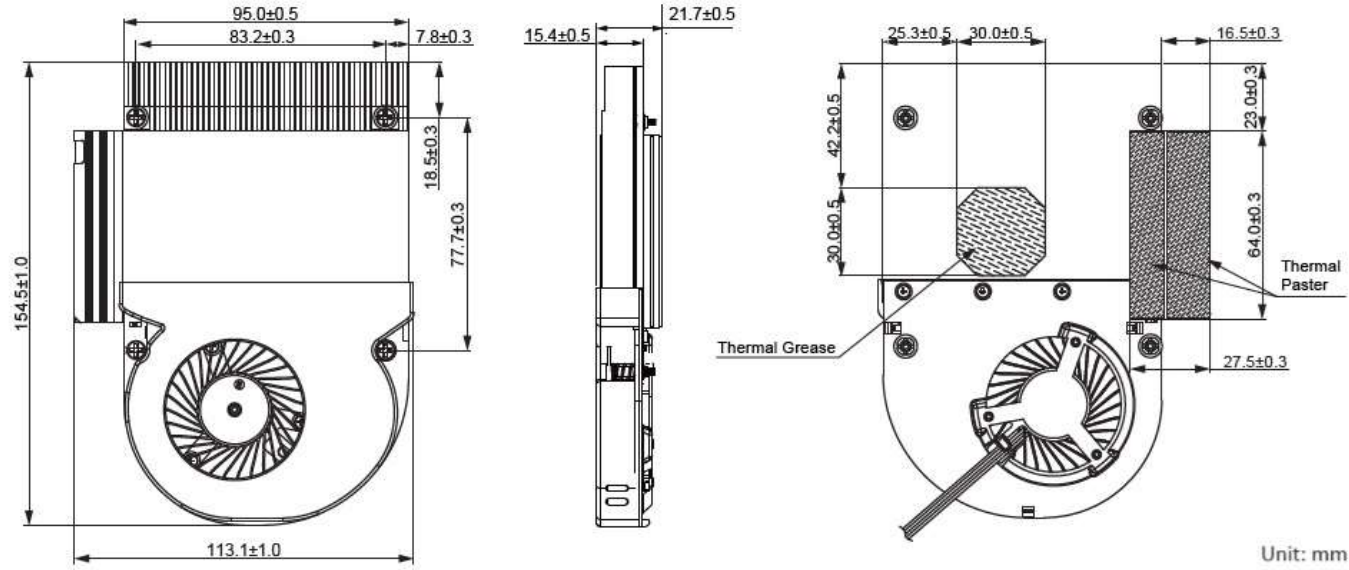


Model	Voltage	Current	Power	Speed	Air Flow		Pressure		Noise
	VDC	Amp	Watt	RPM	CFM	m3/min	mmH2O	inH2O	dB(A)
CTM15421V5H-X	5	0.5	2.5	3000	6.94	0.196	11.5	0.452	35

Thermal Module

154x113x21mm

- Dimension:



Unit: mm

Thermal Module

80x80x13mm

- Fan Housing: Plastic (Flammability:UL94V-0)
- Fan Impeller: Plastic (Flammability:UL94V-0)
- Heat Sink: Aluminum
- Certification: CE, RoHS
- Additional functions are optional

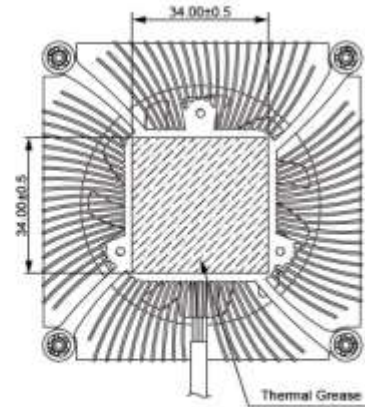
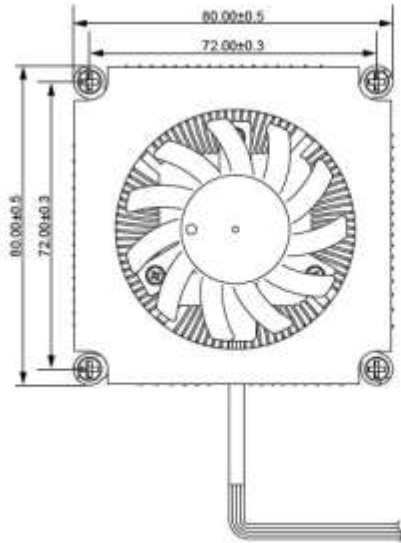


Model	Voltage	Current	Power	Speed	Air Flow		Pressure		Noise
	VDC	Amp	Watt	RPM	CFM	m3/min	mmH2O	inH2O	dB(A)
CTM8013V5H-X	5	0.23	1.15	3500	5.9	0.167	1.68	0.066	28.6

Thermal Module

80x80x13mm

- Dimension:



Unit: mm

Thermal Module

65x65x50mm

- Fan Housing: Plastic (Flammability:UL94V-0)
- Fan Impeller: Plastic (Flammability:UL94V-0)
- Heat Sink: Aluminum
- Certification: CE, RoHS
- Additional functions are optional

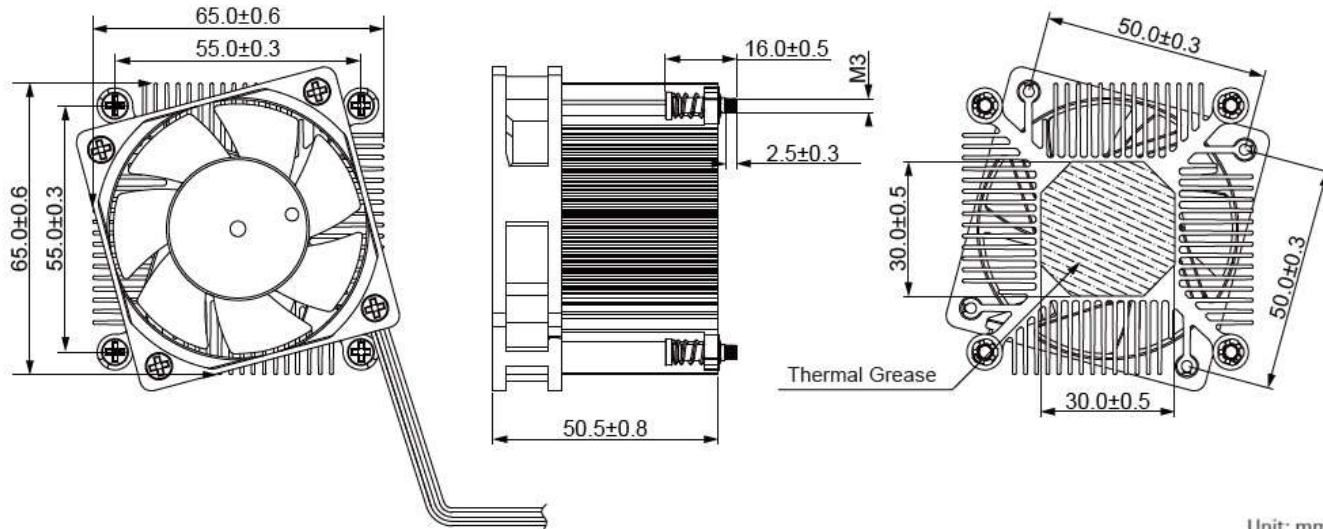


Model	Voltage	Current	Power	Speed	Air Flow		Pressure		Noise
	VDC	Amp	Watt	RPM	CFM	m3/min	mmH2O	inH2O	dB(A)
CTM6550V12H-X	12	0.07	0.84	4000	8.1	0.229	4.14	0.162	30.6

Thermal Module

65x65x50mm

- Dimension:



Unit: mm

Thermal Module

94x72x24mm

- Fan Housing: Plastic (Flammability:UL94V-0)
- Fan Impeller: Plastic (Flammability:UL94V-0)
- Heat Sink: Aluminum
- Certification: CE, RoHS
- Additional functions are optional

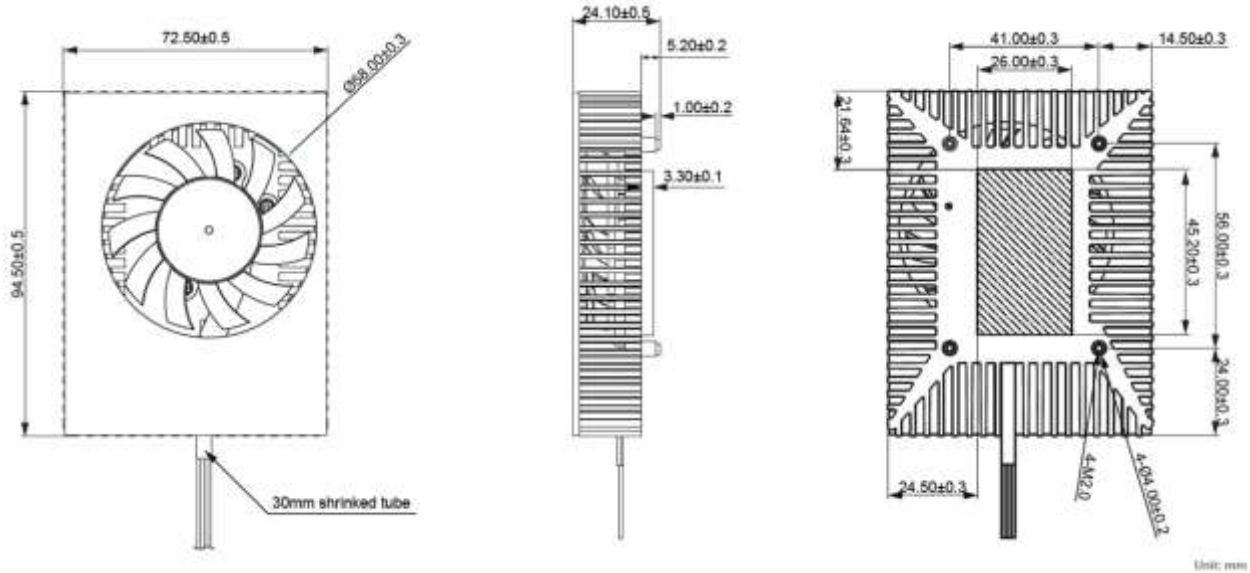


Model	Voltage	Current	Power	Speed	Air Flow		Pressure		Noise
	VDC	Amp	Watt	RPM	CFM	m3/min	mmH2O	inH2O	dB(A)
CTM9424V5H-X	5	0.2	1	3000	5.86	0.165	1.44	0.056	26.1

Thermal Module

94x72x24mm

- Dimension:



Thermal Module

Ø85x19mm

- Fan Housing: Plastic (Flammability:UL94V-0)
- Fan Impeller: Plastic (Flammability:UL94V-0)
- Heat Sink: Aluminum
- Certification: CE, RoHS
- Additional functions are optional

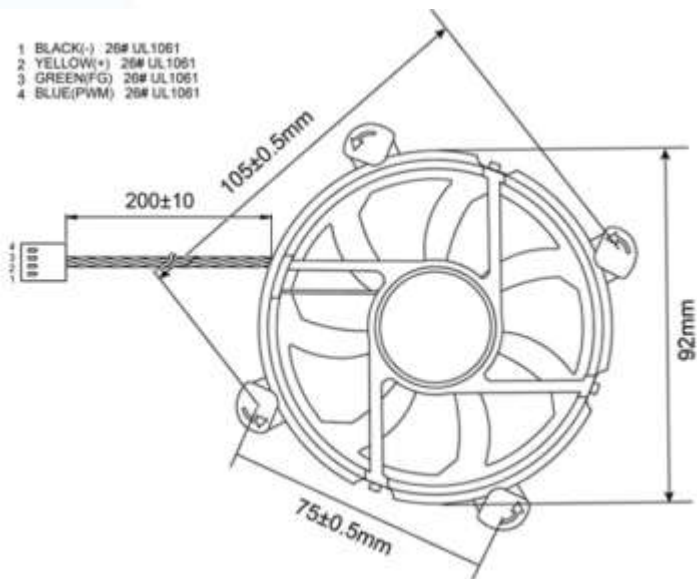


Model	Voltage	Current	Power	Speed	Air Flow		Pressure		Noise
	VDC	Amp	Watt	RPM	CFM	m3/min	mmH2O	inH2O	dB(A)
CTM8519V12M-X	12	0.07	0.84	2000	45	1.274	3.98	0.157	29

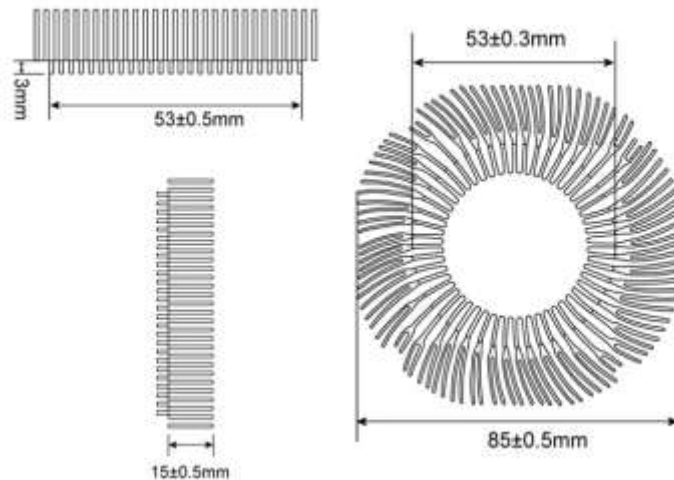
Thermal Module

Ø85x19mm

- Fan Dimension:



- Heat Sink Dimension:



Thermal Module

93x92x37mm

- Fan Housing: Plastic (Flammability:UL94V-0)
- Fan Impeller: Plastic (Flammability:UL94V-0)
- Heat Sink: Aluminum
- Certification: CE, RoHS
- Additional functions are optional

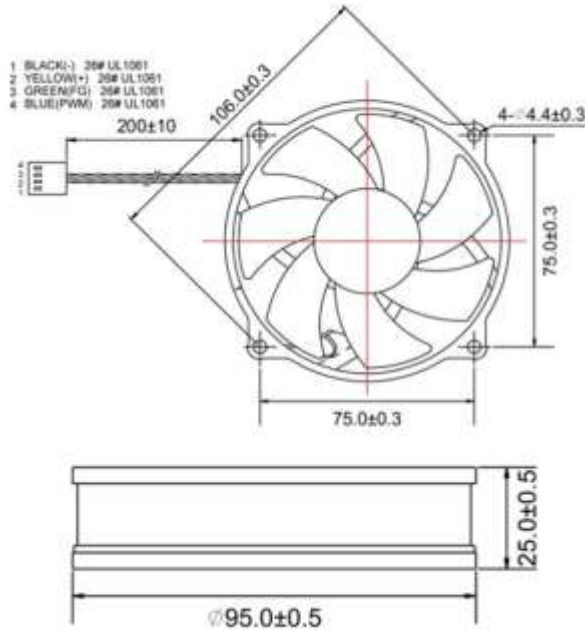


Model	Voltage	Current	Power	Speed	Air Flow		Pressure		Noise
	VDC	Amp	Watt	RPM	CFM	m3/min	mmH2O	inH2O	dB(A)
CTM9337V12M-X	12	0.16	1.92	2400	36.11	1.022	4.25	0.167	31

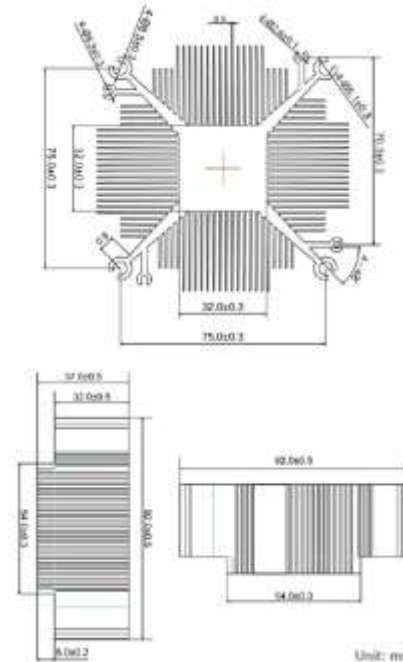
Thermal Module

93x92x37mm

• Fan Dimension:



• Heat Sink Dimension:



Thermal Module

93x92x13mm

- Fan Housing: Plastic (Flammability:UL94V-0)
- Fan Impeller: Plastic (Flammability:UL94V-0)
- Heat Sink: Aluminum
- Certification: CE, RoHS
- Additional functions are optional

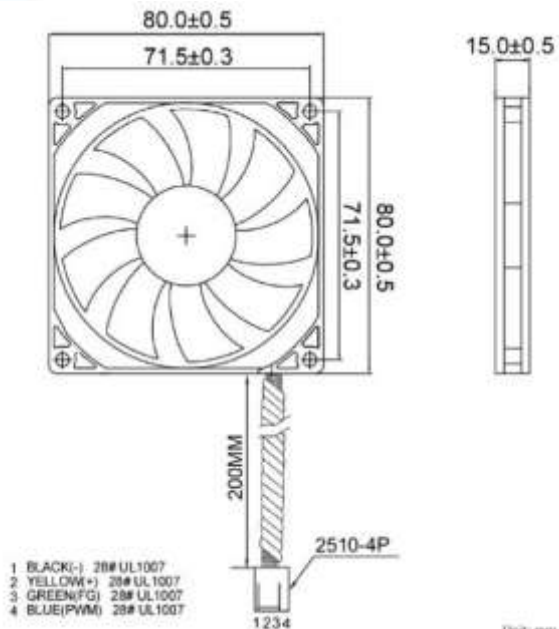


Model	Voltage	Current	Power	Speed	Air Flow		Pressure		Noise
	VDC	Amp	Watt	RPM	CFM	m3/min	mmH2O	inH2O	dB(A)
CTM9313V12L-X	12	0.32	3.84	1500	41.6	1.177	3.5	0.137	42

Thermal Module

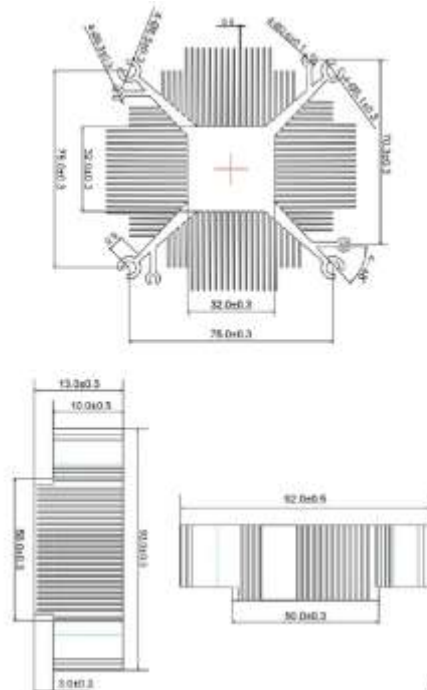
93x92x13mm

- Fan Dimension:



Unit: mm

- Heat Sink Dimension:



Unit: mm

Thermal Module

87x85x20mm

- Fan Housing: Plastic (Flammability:UL94V-0)
- Fan Impeller: Plastic (Flammability:UL94V-0)
- Heat Sink: Aluminum
- Certification: CE, RoHS
- Additional functions are optional

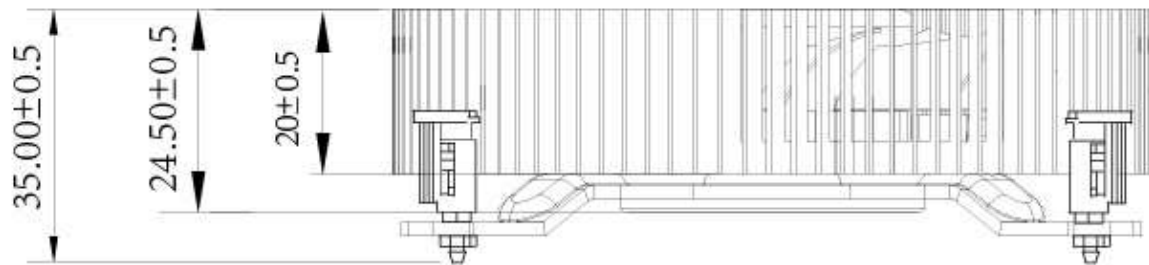


Model	Voltage	Current	Power	Speed	Air Flow		Pressure		Noise
	VDC	Amp	Watt	RPM	CFM	m3/min	mmH2O	inH2O	dB(A)
CTM8720V12L-X	12	0.1	1.2	500	20.8	0.588	2.95	0.116	25

Thermal Module

87x85x20mm

- Heat Sink Dimension:



Unit: mm

Thermal Module

92x92x21mm

- Fan Housing: Plastic (Flammability:UL94V-0)
- Fan Impeller: Plastic (Flammability:UL94V-0)
- Heat Sink: Aluminum
- Certification: CE, RoHS
- Additional functions are optional

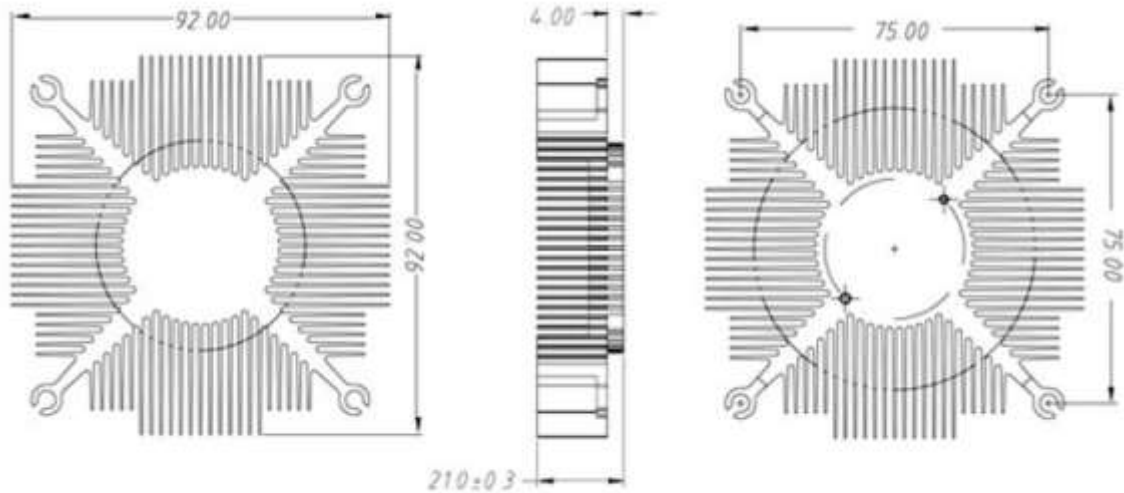


Model	Voltage	Current	Power	Speed	Air Flow		Pressure		Noise
	VDC	Amp	Watt	RPM	CFM	m3/min	mmH2O	inH2O	dB(A)
CTM9221V12M-X	12	0.06	0.72	2400	14	0.396	1.5	0.059	26

Thermal Module

92x92x21mm

- Heat Sink Dimension:



Unit: mm

Thermal Module

92x92x11mm

- Fan Housing: Plastic (Flammability:UL94V-0)
- Fan Impeller: Plastic (Flammability:UL94V-0)
- Heat Sink: Aluminum
- Certification: CE, RoHS
- Additional functions are optional

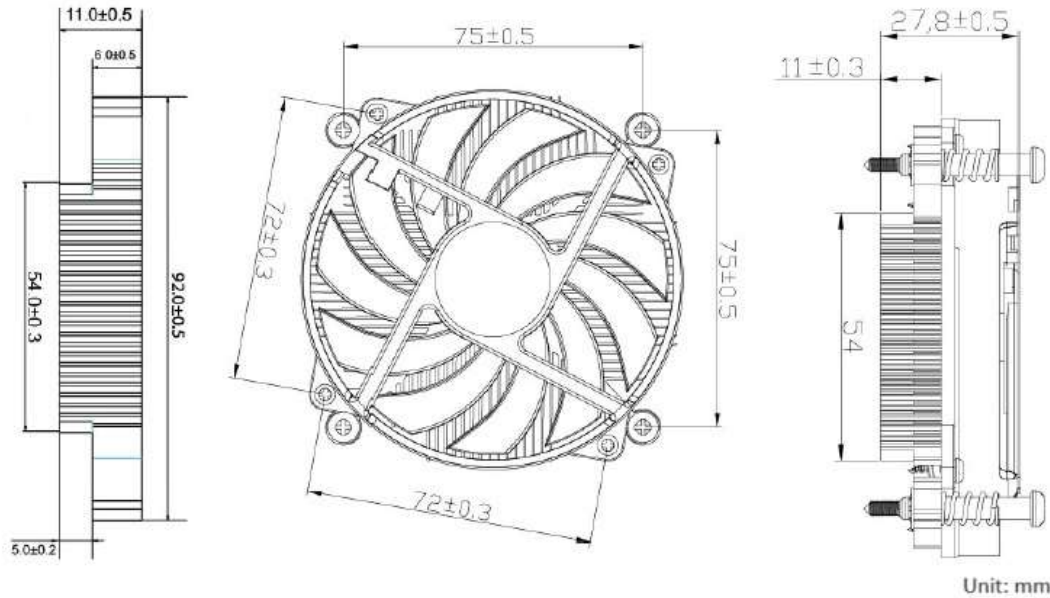


Model	Voltage	Current	Power	Speed	Air Flow		Pressure		Noise
	VDC	Amp	Watt	RPM	CFM	m3/min	mmH2O	inH2O	dB(A)
CTM9211V12M-X	12	0.08	0.96	2000	39	1.104	1.8	0.07	26

Thermal Module

92x92x11mm

- Dimension:



Thermal Module

40x40x11mm

- Fan Housing: Plastic (Flammability:UL94V-0)
- Fan Impeller: Plastic (Flammability:UL94V-0)
- Heat Sink: Aluminum
- Certification: CE, RoHS
- Additional functions are optional

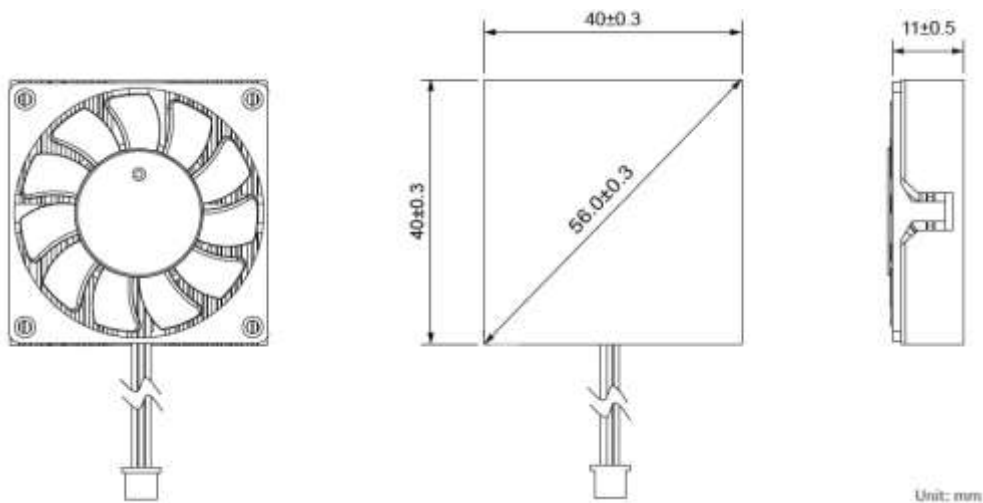


Model	Voltage	Current	Power	Speed	Air Flow		Pressure		Noise
	VDC	Amp	Watt	RPM	CFM	m3/min	mmH2O	inH2O	dB(A)
CTM4011V12H-X	12	0.06	0.72	4500	4.1	0.116	2	0.078	24

Thermal Module

40x40x11mm

- Dimension:



Thermal Module

40x40x9.8mm

- Fan Housing: Plastic (Flammability:UL94V-0)
- Fan Impeller: Plastic (Flammability:UL94V-0)
- Heat Sink: Aluminum
- Certification: CE, RoHS
- Additional functions are optional

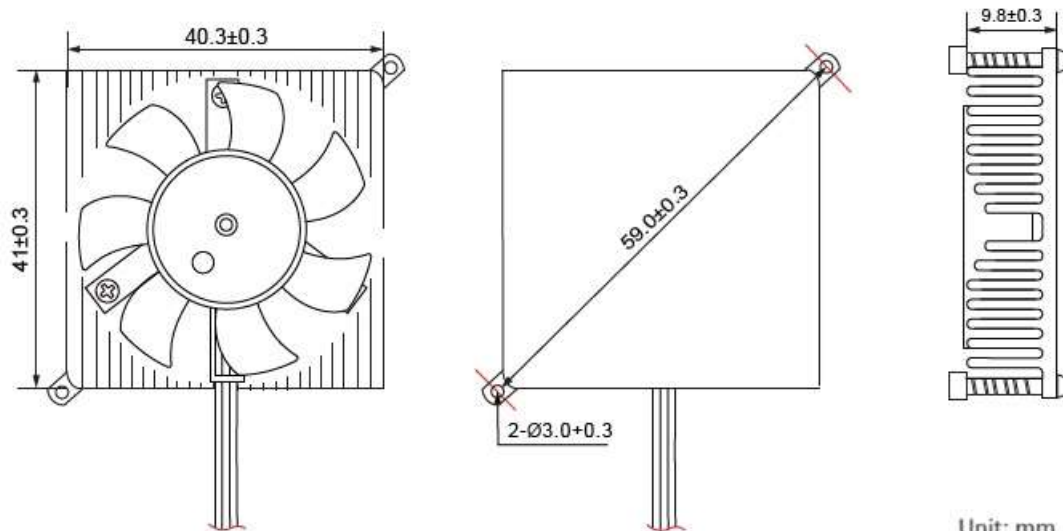


Model	Voltage	Current	Power	Speed	Air Flow		Pressure		Noise
	VDC	Amp	Watt	RPM	CFM	m3/min	mmH2O	inH2O	dB(A)
CTM4009V12H-X	12	0.09	1.08	6200	5.1	0.144	2.8	0.11	28

Thermal Module

40x40x9.8mm

- Dimension:



Thermal Module

41x40x9.8mm

- Fan Housing: Plastic (Flammability:UL94V-0)
- Fan Impeller: Plastic (Flammability:UL94V-0)
- Heat Sink: Aluminum
- Certification: CE, RoHS
- Additional functions are optional

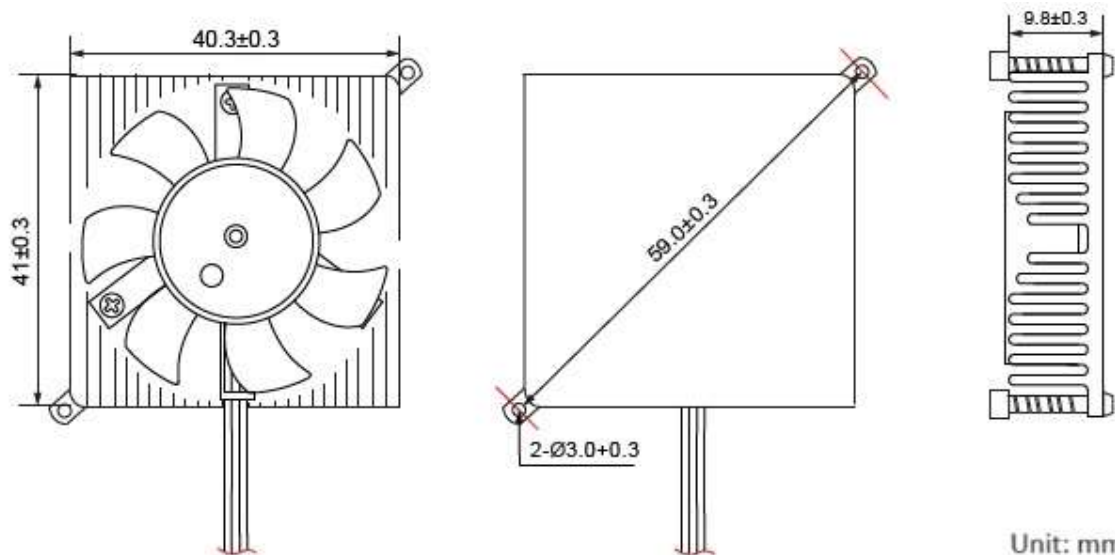


Model	Voltage	Current	Power	Speed	Air Flow		Pressure		Noise
	VDC	Amp	Watt	RPM	CFM	m3/min	mmH2O	inH2O	dB(A)
CTM4109V12H-X	12	0.06	0.72	5200	5.3	0.15	2.2	0.086	25

Thermal Module

41x40x9.8mm

- Dimension:



Unit: mm

Thermal Module

55x55x13mm

- Fan Housing: Plastic (Flammability:UL94V-0)
- Fan Impeller: Plastic (Flammability:UL94V-0)
- Heat Sink: Aluminum
- Certification: CE, RoHS
- Additional functions are optional

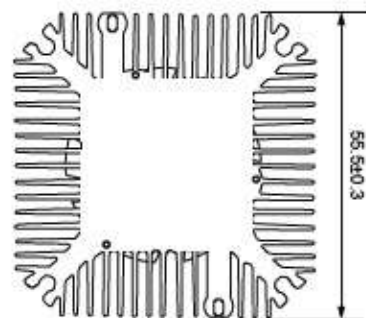
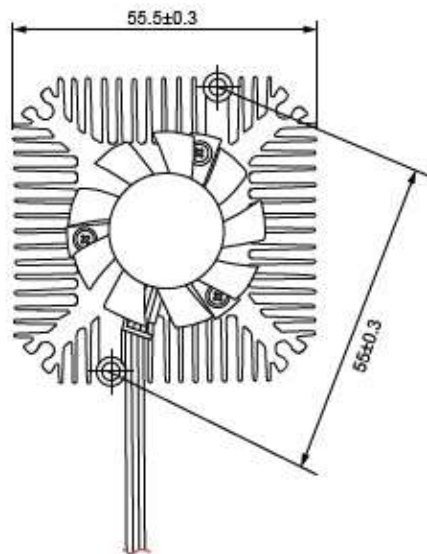


Model	Voltage	Current	Power	Speed	Air Flow		Pressure		Noise
	VDC	Amp	Watt	RPM	CFM	m3/min	mmH2O	inH2O	dB(A)
CTM5513V12H-X	12	0.07	0.84	5000	5.8	0.164	1.7	0.066	24

Thermal Module

55x55x13mm

- Dimension:



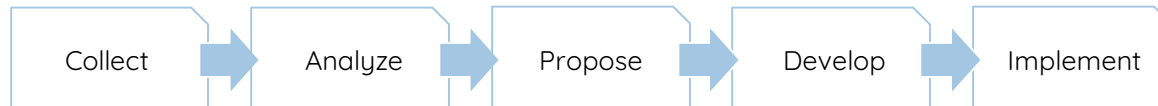
Unit: mm



OEM Service

Our OEM Service is designed to collect your requirements, preferences and interests and then analyze the information to propose a best plan to you.

Our engineers and designers can assist with your design & assembly whether you need to develop a new design or improve an existing one. From conceptual engineering to manufacturing and assembly, our team optimizes your design for functionality and manufacturability.



Let's start a project now!

The logo for Cainton, featuring the word "CAINTON" in a bold, blue, sans-serif font. The letter "O" is replaced by a stylized gear or circular motion icon with eight teeth.

Change is a perpetual motion

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