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ATS Part#:

ATS-61700D-C1-R0

Description:

74.00 x 74.00 x 9.50 mm BGA Heat Sink
High Performance fanSINK™ with Push Pin Attachment

Component Specific:

N/A

Heat Sink Type:

fanSINK

Heat Sink Attachment:

Push Pin

Installation Guide:

N/A

Thermal Performance:

See detail

Mechanical Drawing:

See detail

»Cross-Cut straightFIN heatsink fins offer omnidirectional air flow for optimum thermal performance independent of PCB lay-out,

»Stainless steel screw fan attachment ensures dependable long-term fan to heat sink assembly. 4-40 thread screws are supplied in 4 lengths (1/2", 3/4", 7/8", 1"). Contact ATS for custom options available.

» Fan assembly hole pattern is 50.0 mm C-C (center to center) - see Fig. 1

» Screw PEM push pin attachment included

» Provided with pre-assembled Thermal Interface Material (TIM) centered on base.

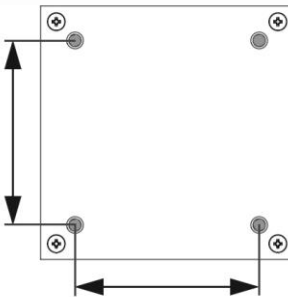
» Recommended through hole size in PCB is 3.00 mm

» Please Note: FANS NOT INCLUDED. Fan type is specific to each customer application. Fans need to be sourced independently.

DATA SHEET

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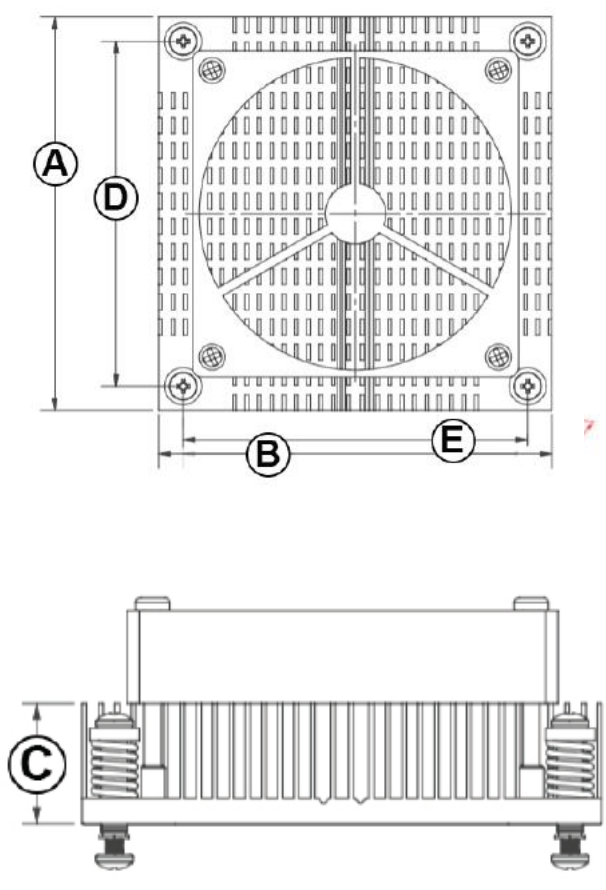
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Product Details

Part Number	Length (A) (mm)	Width (B) (mm)	Height (C) (mm)	Fan Assembly Hole Pattern Center to Center (D) (E) (mm)	TIM	Finish	Data Sheet	RoHS & REACH
ATS-61700D-C1-R0	74.0	74.0	9.5	65.0	Chomerics T412	Black		

Thermal Performance

Schematic Image	AIR VELOCITY		THERMAL RESISTANCE	
	FT/MIN	M/S	°C/W Unducted Flow	°C/W Ducted Flow
	100	0.5	N/A	N/A
	200	1.0	N/A	N/A
	300	1.5	N/A	N/A
	400	2.0	N/A	N/A
	500	2.5	N/A	N/A
	600	3.0	N/A	N/A
	700	3.5	N/A	N/A
	800	4.0	N/A	N/A

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ATS Part#:**ATS-61700K-C1-R0**

Description:74.00 x 74.00 x 14.50 mm BGA Heat Sink
High Performance fanSINK™ with Push Pin Attachment

Component Specific:**N/A**

Heat Sink Type:**fanSINK**

Heat Sink Attachment:**Push Pin**

Installation Guide:**N/A**

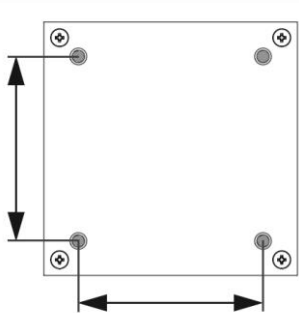
Thermal Performance:**See detail**

Mechanical Drawing:**See detail**

DATA SHEET

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» Fan assembly hole pattern is 50.0 mm C-C (center to center) - see Fig. 1

» Screw PEM push pin attachment included



» Provided with pre-assembled Thermal Interface Material (TIM) centered on base.

» Recommended through hole size in PCB is 3.00 mm

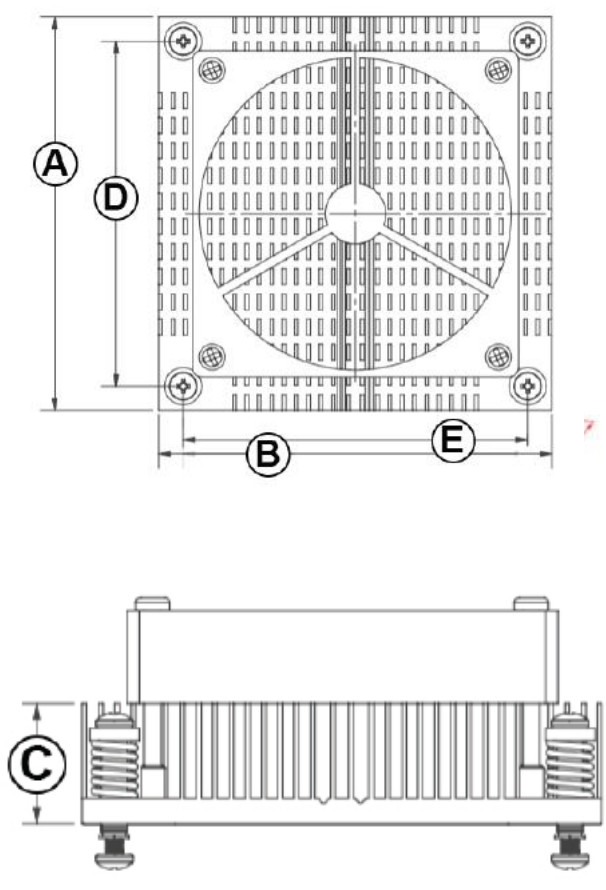
» Please Note: FANS NOT INCLUDED. Fan type is specific to each customer application. Fans need to be sourced independently.

Heat Sink Part No	L (mm)	W (mm)	H (mm)	Fan Sink Thermal Resistance (°C/W)			
ATS-61700D-C1-R0	74.0	74.0	9.5	1.10	1.30	0.91	1.07
ATS-61700K-C1-R0	74.0	74.0	14.5	0.71	0.81	0.60	0.70
ATS-61700R-C1-R0	74.0	74.0	19.5	0.51	0.64	0.50	0.54
ATS-61800W-C1-R0	74.0	74.0	24.5	0.46	0.50	0.44	0.47
FAN MANUFACTURER				Delta	Sunon	Delta	Sunon
FAN PART NO.				EFB0612HHA	MF60101V1-1000U-A99	AFC0612DB-F00	MF60152VX-1000U-A99
FAN SIZE (mm)				60 X 60 X 10	60 X 60 X 10	60 X 60 X 15	60 X 60 X 15


Product Details

Part Number	Length (A) (mm)	Width (B) (mm)	Height (C) (mm)	Fan Assembly Hole Pattern Center to Center (D) (E) (mm)	TIM	Finish	Data Sheet	RoHS & REACH
ATS-61700K-C1-R0	74.0	74.0	14.5	65.0	Chomerics T412	Black		

Thermal Performance

Schematic Image	AIR VELOCITY		THERMAL RESISTANCE	
	FT/MIN	M/S	°C/W Unducted Flow	°C/W Ducted Flow
	100	0.5	N/A	N/A
	200	1.0	N/A	N/A
	300	1.5	N/A	N/A
	400	2.0	N/A	N/A
	500	2.5	N/A	N/A
	600	3.0	N/A	N/A
	700	3.5	N/A	N/A
	800	4.0	N/A	N/A

Click here for Technical Data



ATS Part#:

ATS-61700R-C1-R0

Description:

74.00 x 74.00 x 19.50 mm BGA Heat Sink
High Performance fanSINK™ with Push Pin Attachment

Component Specific:

N/A

Heat Sink Type:

fanSINK

Heat Sink Attachment:

Push Pin

Installation Guide:

N/A

Thermal Performance:

See detail

Mechanical Drawing:

See detail

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»Cross-Cut straightFIN heatsink fins offer omnidirectional air flow for optimum thermal performance independent of PCB lay-out,

»Stainless steel screw fan attachment ensures dependable long-term fan to heat sink assembly. 4-40 thread screws are supplied in 4 lengths (1/2", 3/4", 7/8", 1"). Contact ATS for custom options available.

» Fan assembly hole pattern is 50.0mm C-C (center to center) - see Fig. 1

» Screw PEM push pin attachment included

» Provided with pre-assembled Thermal Interface Material (TIM) centered on base.

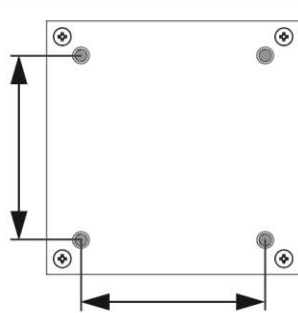
» Recommended through hole size in PCB is 3.00 mm

» Please Note: FANS NOT INCLUDED. Fan type is specific to each customer application. Fans need to be sourced independently.

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Heat Sink Part No	L (mm)	W (mm)	H (mm)	Fan Sink Thermal Resistance (°C/W)			
ATS-61700D-C1-R0	74.0	74.0	9.5	1.10	1.30	0.91	1.07
ATS-61700K-C1-R0	74.0	74.0	14.5	0.71	0.81	0.60	0.70
ATS-61700R-C1-R0	74.0	74.0	19.5	0.51	0.64	0.50	0.54
ATS-61800W-C1-R0	74.0	74.0	24.5	0.46	0.50	0.44	0.47
FAN MANUFACTURER				Delta	Sunon	Delta	Sunon
FAN PART NO.				EFB0612HHA	MF60101V1-1000U-A99	AFC0612DB-F00	MF60152VX-1000U-A99
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Product Details

Part Number	Length (A) (mm)	Width (B) (mm)	Height (C) (mm)	Fan Assembly Hole Pattern Center to Center (D) (E) (mm)	TIM	Finish	Data Sheet	RoHS & REACH
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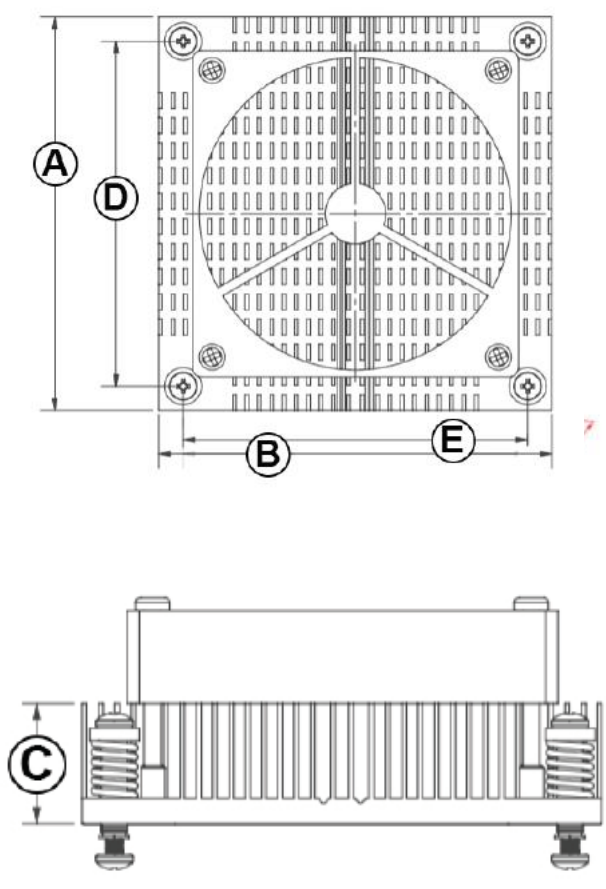
Application

Notes


Thermal Performance

Technical Data

Thermal Performance

Schematic Image	AIR VELOCITY		THERMAL RESISTANCE	
	FT/MIN	M/S	°C/W Unducted Flow	°C/W Ducted Flow
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	700	3.5	N/A	N/A
	800	4.0	N/A	N/A

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ATS Part#:

ATS-61700W-C1-R0

Description:

74.00 x 74.00 x 24.50 mm BGA Heat Sink
High Performance fanSINK™ with Push Pin Attachment

Component Specific:

N/A

Heat Sink Type:

fanSINK

Heat Sink Attachment:

Push Pin

Installation Guide:

N/A

Thermal Performance:

See detail

Mechanical Drawing:

See detail

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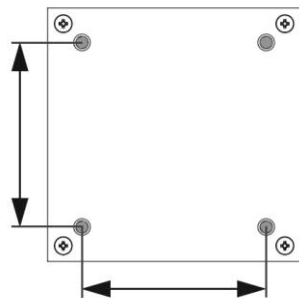
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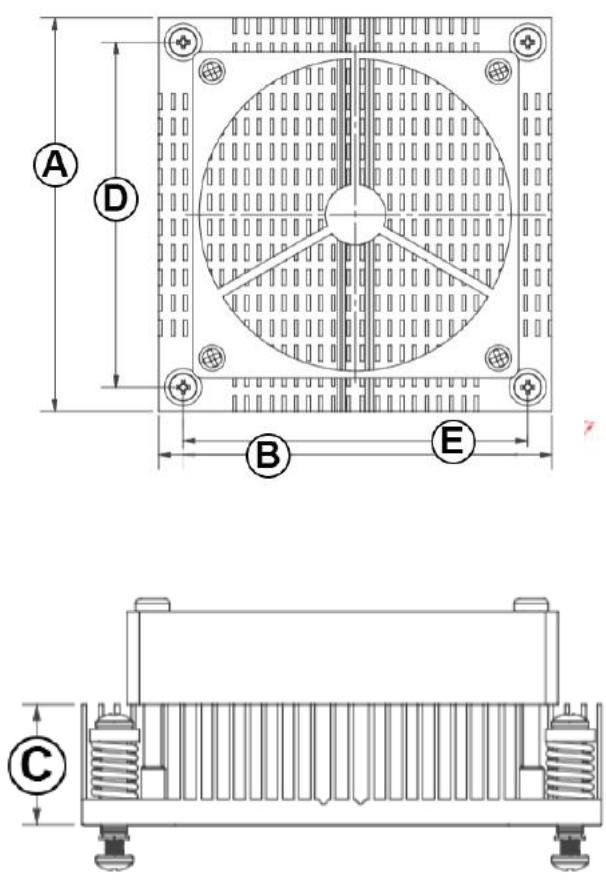


Heat Sink Part No	L (mm)	W (mm)	H (mm)	Fan Sink Thermal Resistance (°C/W)			
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	400	2.0	N/A	N/A
	500	2.5	N/A	N/A
	600	3.0	N/A	N/A
	700	3.5	N/A	N/A
	800	4.0	N/A	N/A

Mouser Electronics

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