

Part Number
ATS042042020-MF-14S
ATS042042021-MF-14T
ATS042042022-MF-14U
ATS042042023-MF-14V
ATS042042024-MF-14W
ATS042042025-MF-14X
ATS045045002-MF-15A
ATS045045003-MF-15B
ATS045045004-MF-15C
ATS045045005-MF-15D
ATS045045006-MF-15E
ATS045045007-MF-15F
ATS045045008-MF-15G
ATS045045009-MF-15H
ATS045045010-MF-15I
ATS045045011-MF-15J
ATS045045012-MF-15K
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ATS045045014-MF-15M
ATS045045015-MF-15N
ATS045045016-MF-15O
ATS045045017-MF-15P
ATS045045018-MF-15Q
ATS045045019-MF-15R
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ATS060060017-MF-16P
ATS060060018-MF-16Q
ATS060060019-MF-16R
ATS060060020-MF-16S

ATS060060021-MF-16T
ATS060060022-MF-16U
ATS060060023-MF-16V
ATS060060024-MF-16W
ATS060060025-MF-16X
1 2 3 4 5 6 7

BGA Heat Sink (High Aspect Ratio Ext.) Slant Fin



ATS Part#: **ATS042042020-MF-14S**
 Description: 42.00 x 42.00 x 20.00 mm BGA Heat Sink (High Aspect Ratio Ext.) Slant Fin



Heat Sink Type: **Slant Fin**
 Heat Sink Attachment: **N/A**
 Equivalent Part Number: **N/A**

**Image above is for illustration purpose only.*

Features & Benefits

- Features a low profile, slant fin array that offers many of the performance benefits of **maxiFLOW™** at a great value
- Fabricated from extruded aluminum, which minimizes thermal resistance from the base to the fins, reduces weight and keeps costs low
- Higher performance helps ensure reliable product life at a lower cost than other extruded heat sinks
- Comes standard without interface material or with most common pressure sensitive thermal tapes as a custom option

Thermal Performance

AIR VELOCITY		@200 LFM 1.0 M/S	@300 LFM 1.5 M/S	@400 LFM 2.0 M/S	@500 LFM 2.5 M/S	@600 LFM 3.0 M/S	@700 LFM 3.5 M/S	@800 LFM 4.0 M/S
THERMAL RESISTANCE	Unducted Flow	2.65 °C/W	1.7 °C/W	1.3 °C/W	1.1 °C/W	1 °C/W	0.9 °C/W	0.9 °C/W
	Ducted Flow	1.2	1	0.9	0.8	0.7	0.7	0.7

Product Detail

Schematic Image	Dimension A	Dimension B	Dimension C	Dimension D	TIM	Finish
<p><i>*Image above is for illustration purpose only.</i></p>	42.00 mm	42.00 mm	20.00 mm	48.37 mm	N/A	BLACK-ANODIZED
<p>Notes:</p> <ul style="list-style-type: none"> • Dimension A and B refer to component size. • Dimension C is the heat sink height from the bottom of the base to the top of the fin field. • Dimension D is fin tip to fin tip. • Thermal performance data are provided for reference only. Actual performance may vary by application. • ATS reserves the right to update or change its products without notice to improve the design or performance. • ATS certifies that this heat sink assembly is RoHS-6 and REACH compliant. • Contact ATS to learn about custom options available. 						

For more information, to find a distributor or to place an order, please contact us at 781-769-2800 (North America), sales@qats.com or www.qats.com.

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