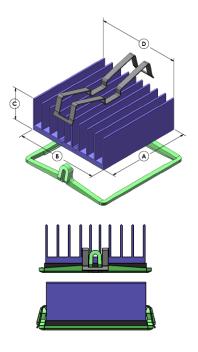
High Performance BGA Cooling Solutions with superGRIP™ Attachment



Features & Benefits

- » Designed for 19 x 19 mm BGA components
- » superGRIP[™] super strong, uniform attachment force helps achieve maximum performance from phase-changing TIM and does not require holes in the PCB
- » Allows the heat sink to be detached and reattached without damaging the component and/or the PCB, an important feature in the event a PCB may need to be reworked
- » Meets Telcordia GR-63-Core Office Vibration, ETSI 300 019 Transportation Vibration, and MIL-STD-810 Shock Testing and Unpackaged Drop Testing standards
- » Requires minimal space around the component's perimeter; ideal for densely populated PCBs
- » "Keep-Out" Requirements: An "Un-Populated" boarder zone of 3 mm around the component is necessary to facilitate the Installation/Removal of the superGRIP™. Please refer to the superGRIP™ Keep-Out Guidelines and superGRIP™ Installation/Removal Instructions for further details

4.0





			, and the second s			
AIR VELOCITY			THERMAL RESISTANCE			
FT/MIN	M/S	S	°C/W (UNDUCTED FLOW)	°C/W (DUCTED FLOW)		
200	1.0)	8.4	5.3		
300	1.5	5	6.8			
400	2.0)	5.9			
500	2.5	5	5.3			
600	3.0)	4.9			
700	3.5	5	4.5			

Product Details

DIMENSION A	DIMENSION B	DIMENSION C	DIMENSION D	INTERFACE MATERIAL	FINISH
19 mm	19 mm	17.5 mm	19 mm	CHOMERICS T-766	BLUE ANODIZED

4.3

NOTES:

1) DIMENSIONS ARE MEASURED IN MILLIMETERS

800

2) DIMENSIONS A & B REFER TO COMPONENT SIZE

3) DIMENSION C = THE HEIGHT OF THE HEAT SINK SHOWN ABOVE AND DOES NOT INCLUDE THE HEIGHT OF THE ATTACHMENT METHOD

 ATS RESERVES THE RIGHT TO UPDATE OR CHANGE IT PRODUCTS WITHOUT NOTICE
 CONTACT ATS TO LEADNLADOLITIC UPDATE ON ODTION OF A VALUE AND INFORMATION

5) CONTACT ATS TO LEARN ABOUT CUSTOM OPTIONS AVAILABLE



For more information, to find a distributor or to place an order, visit www.qats.com or call: 781.769.2800 (North America); +31 (0) 3569 84715 (Europe).

*Image above is for illustration purposes only.



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Heat Sinks category:

Click to view products by Advanced Thermal Solutions manufacturer:

Other Similar products are found below :

 581102B00000G
 656-15ABPE
 657-20ABPNE
 7020B-TC12-MTG
 73452PPBA
 7G0011A
 PF720G
 A22-4026
 120-1873-007
 HAH10L

 HAH15L
 1542616-1
 HS-2506-F1
 HS-87M0-F2
 218-40CTE3
 231-69PAB-15V
 25-7520
 SW50-4G
 231-75PAB-13V
 231-75PAB-15V
 253

 122ABE-22
 PSC22CB
 HAF10L
 HAQ10T
 D10100-28
 BDN183CBA01
 3-21053-4
 32438
 TX0506-1B
 TX1806B
 LAE66A3CB
 WA-DT2

 101E
 511-3U
 73381PPBA
 73403PPBA
 7G0047C
 COMX-440-HSP
 510-12M
 D10650-40T5
 V8511 Y
 APF40-40-13CB/A01

 780653U04500G
 ATS-54310K-C2-R0
 FK 216 CB SA
 FK 231 SA 220
 648-51AB
 657-20ABPESC
 2341BG
 679-25AG
 FK 212 CB SA