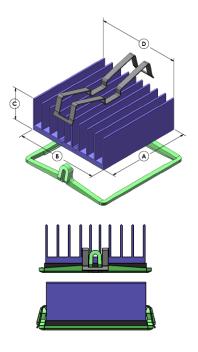
# High Performance BGA Cooling Solutions with superGRIP™ Attachment



#### **Features & Benefits**

- » Designed for 25 x 25 mm BGA components
- » superGRIP<sup>™</sup> 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



\*Image above is for illustration purposes only.



AIR VELOCITY		THERMAL RESISTANCE		
FT/MIN	M/S	°C/W (UNDUCTED FLOW)	°C/W (DUCTED FLOW)	
200	1.0	5.7	3.4	
300	1.5	4.4		
400	2.0	3.8		
500	2.5	3.4		
600	3.0	3.1		
700	3.5	2.9		
800	4.0	2.7		

### **Product Details**

DIMENSION A	DIMENSION B	DIMENSION C	DIMENSION D	INTERFACE MATERIAL	FINISH
25 mm	25 mm	17.5 mm	25 mm	CHOMERICS T-766	<b>BLUE ANODIZED</b>

#### NOTES:

1) DIMENSIONS ARE MEASURED IN MILLIMETERS

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

4) ATS RESERVES THE RIGHT TO UPDATE OR CHANGE IT PRODUCTS WITHOUT NOTICE

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).

REV1\_0908



## **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
 630-35ABT3
 656-15ABPE
 657-20ABPNE
 7020B-TC12-MTG
 73452PPBA
 7721-13NG
 7G0011A
 FI306/SE
 PF720G

 PF758G
 120-1873-007
 HAH10L
 HF20
 1542256-2
 1542026-1
 1542616-1
 HS-2506-F1
 HS-87M0-F2
 188854F00000G
 SW50-4G
 F-QB-F1

 APA501-60-003
 PF18G
 253-122ABE-22
 PSC22CB
 CLP-201
 CLP212SG
 CLP-7701G
 HAA072
 HAA083
 HAF10L
 HAQ10T

 374824B60024G
 D10100-28
 TO5-002D
 513101B02500G
 BDN183CBA01
 531202B0000
 HS-56M0-C1
 3-21053-4
 TX0506-1B
 TX1806B

 336614B-00000
 374324B60023G
 375024B60024G
 V2004X
 LAE66A3CB
 WA-DT2-101E
 511-3U