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Solder Anchor Attachment Method

Part Number: 10 - THMA - 01G



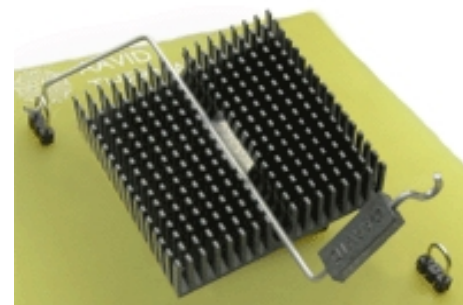
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Download our BGA Brochure (PDF)

BGA Surface	Interface	Heat Sink Finish
*Flip Chip	TZ10	Black Anodize

*Includes foam pad around perimeter that stabilizes the part so heat sink does not move.

Features and Benefits

- Solder Anchors provide the most rugged mounting in the industry
- Simple tool -free installation
- Minimal PC Board real estate is required for mounting
- lip design allows for easy removal in case of rework
- Pin Fin array allows omni -directional airflow to maximize heat dissipation



Solder anchors are sold separately

Part #	PCB Thickness
125700D00000G	0.063 inches
125800D00000G	0.100 -0.110 inches

2 Solder anchors must be soldered to the PCB Prior to attaching the heat sink clip. [View Datasheet](#)

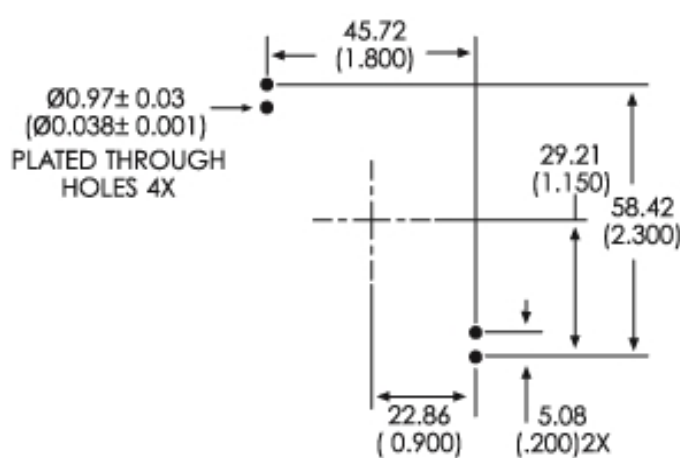
Width	Length	Height	Fin Thickness Across Width	Fin Thickness Across Length	Base Thickness	# of fins across width	# of fins across length
31mm	34.9mm	35mm	1.52mm	3.81mm	3.81mm	6	6

Mechanical Outline Drawing



Unless otherwise shown, tolerances are ± 0.38(± .015)

Recommended PCB Hole Pattern



Thermal Performance

* ? n	** ? f
10.7	3.95



* Natural convection thermal resistance is based on a 75 °C heat sink temperature rise.

** Forced convection thermal resistance based on an entering 1.0 m/s (200 lfm) airflow. Due to various heat dissipation paths within a BGA device, please test the heat sink in your application.

This data sheet represents only one of a broad range of products we make to cool electronics. Our representatives can help you configure a complete cooling solution for your individual applications.

For more information on how to put our strengths to work for you, contact your local sales representative:
<http://www.aavidthermalloy.com/sales/ reps.shtml>