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## Push Pin Attachment Method

Part Number: 10 - 6327 - 01G



*Printer Friendly Version*  
*Download our BGA Brochure (PDF)*

**This is a popular item and should be available at Aavid Thermalloy's authorized distributors**

Find your local distributor

BGA Surface	Interface	Heat Sink Finish
All	None	Black Anodize

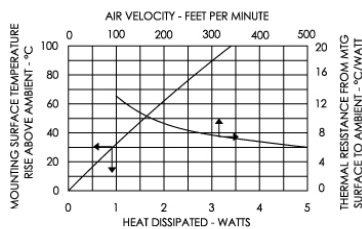
### Features and Benefits

- Simple tool -free installation
- Springs maintain constant and uniform pressure to ensure reliable thermal contact
- Mechanical attachment provides secure mounting where vibration is a concern
- Fits industry Standard Hole patterns
- Accommodates up to 4mm stack height (typical 1.5mm PCB and 2.5 mm BGA package)
- Pin Fin array allows omni -directional airflow to maximize heat dissipation



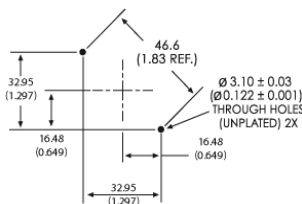
Width	Length	Height	Fin Thickness Across Width	Fin Thickness Across Length	Base Thickness	# of fins across width	# of fins across length
28.5mm	28.5mm	10mm	1.50mm	2.10mm	1.75mm	10	9

### Mechanical Outline Drawing



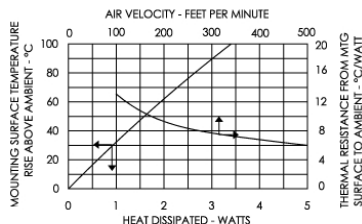
Unless otherwise shown, tolerances are  $\pm 0.38$  (  $\pm .015$  )

### Recommended PCB Hole Pattern



### Thermal Performance

* ? n	** ? f
30.6	9.26



\* 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 fpm) 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/rep.shtml>