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Push Pin Attachment Method

Part Number: 10-5607-04G

(Vis Number: 030818)

RoHS 
Compliant

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[Download our BGA Brochure \(PDF\)](#)

BGA Surface	Interface	Heat Sink Finish
All	HF105	Black Anodize

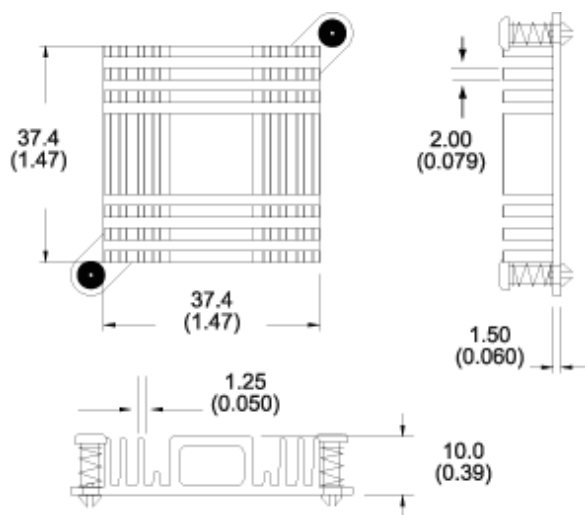
Features and Benefits

- 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)
- Prominent center square is ideal for company logo
- Note: Part should be orientated to allow airflow through hollow channel.



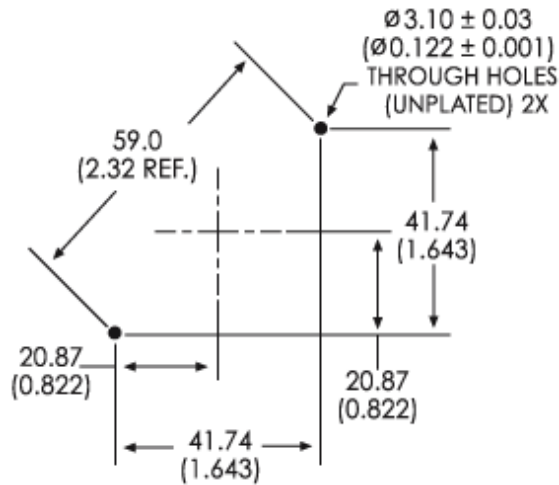
Width	Length	Height	Fin Thickness Across Width	Fin Thickness Across Length	Base Thickness	# of fins across width	# of fins across length
37.4mm	37.4mm	10mm	1.25mm	2.00mm	1.50mm	9	7

Mechanical Outline Drawing



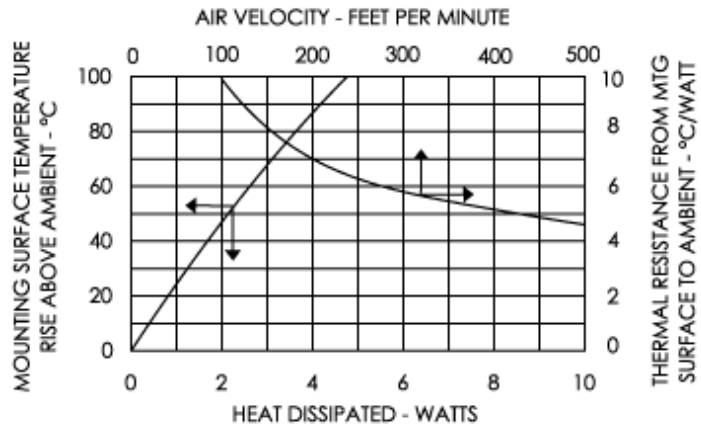
Unless otherwise shown, tolerances are $\pm 0.38 (\pm .015)$

Recommended PCB Hole Pattern



Thermal Performance

*θ _n	**θ _f
22.1	6.99



*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/rep.shtml>

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