



Tel (toll-free): +1-855-32-AAVID

[Register](#) [Log in](#)

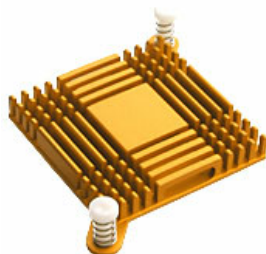
Search

[Home](#)[Products](#)[Solutions](#)[Aavid Design](#)[Tools & Docs](#)[Contact](#)[Company](#)[Online Store](#)[» BGA Heat Sinks](#)

10-5597-22G

Square heat sink with Push Pin attachment

RoHS:

[Download PCN](#)

Features

- 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)

Note: Part should be orientated to allow airflow through hollow channel

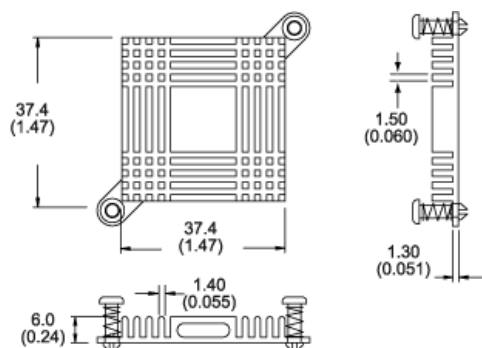
This part comes with HF105 Bergquist phase change for All surfaces

Thermal Resistance: 0.05

Color: Dark Gray

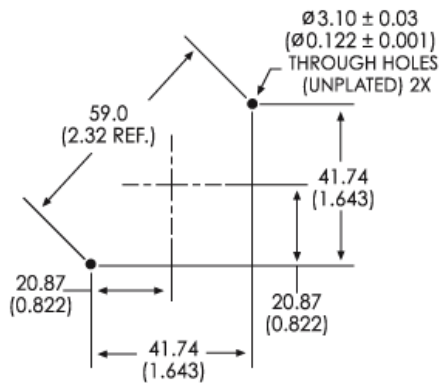
Carrier: Aluminum

Meets Aavid RoHS 9000

**Hole Drawing:****Need assistance?**

Call us: 1-855-32-AAVID

Email: estore@aavid.com[» Help Page](#)[Request a Sample ▶](#)[Request a Quote ▶](#)[Ask an Engineer ▶](#)[» Product Return Policy](#)[» Terms & Conditions](#)[» Privacy Policy](#)



Width: 37.40

Length: 37.40

Height: 6.00

Base Thickness: 1.30

Fin Thickness: Length 1.50, Width 1.40

of Fins: Length 9, Width 9

Fin Tip to Tip: 0.00

Finish: Gold Anodize

Thermal Performance

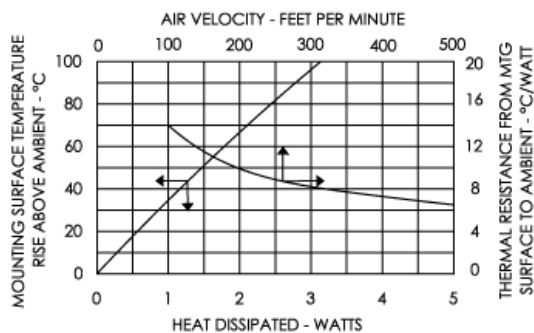
Natural Convection: 33.30

(based on a heatsink temperature rise of 75°C above ambient)

Forced convection: 9.91

based on fully ducted airflow entering at 1.0 m/s (197 LFM).

Thermal Curve:



Customer Assistance

[Contact Us](#)
[Get Design assistance](#)
[Find a Distributor](#)
[Find a Sales Rep](#)
[Request a Quote](#)
[Placing an Order](#)
[Terms and Conditions](#)
[Returns](#)

Popular Products

[Extrusions](#)
[Board Level](#)
[Liquid Cooling](#)
[Heat Pipe Technology](#)
[Heat Sink Accessories](#)
[Interface Materials](#)

Our Company

[About Aavid](#)
[News and Events](#)
[Management Team](#)
[Worldwide Locations](#)
[Directions to Headquarters](#)
[Disclaimer](#)
[Customer Survey](#)
[Privacy Policy](#)

Sign up to receive Aavid news & alerts

email address



Aavid will lead the electronics thermal management industry worldwide. We will be the first company customers call to enable their thermal designs anywhere in the world. We will respond with extraordinary speed and will provide them with timely and cost-effective solutions because we understand their needs, their industry, and their culture. 2012 Aavid Thermalloy, LLC