



Quick Reference

Search by part #

Check distributor part inventory

Products

Browse Products

-By Device -

-By Product Line-

-Attachment Methods

-Interface Materials -

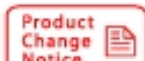
-Accessories -

Useful Links

- [MSDS Safety Sheets](#)
- [How to order?](#)
- [Find Sales Rep](#)
- [Find Distributor](#)
- [Sample Request](#)
- [Quote Request](#)
- [Catalog Request](#)
- [Building a part #](#)
- [Part # Cross Ref](#)

Solder Anchor Attachment Method

Part Number: 374724B60024G



Printer Friendly Version
Download our BGA Brochure (PDF)

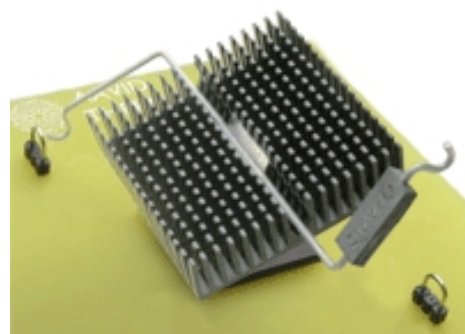
This is a popular item and should be available at Aavid Thermalloy's authorized distributors

Find your [local distributor](#)

BGA Surface	Interface	Heat Sink Finish
All	I766	Black Anodize

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



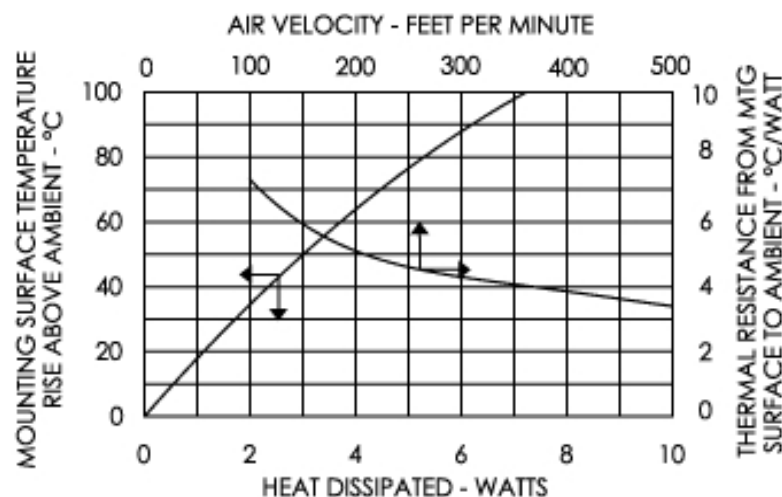
Solder anchors are sold separately

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](#)

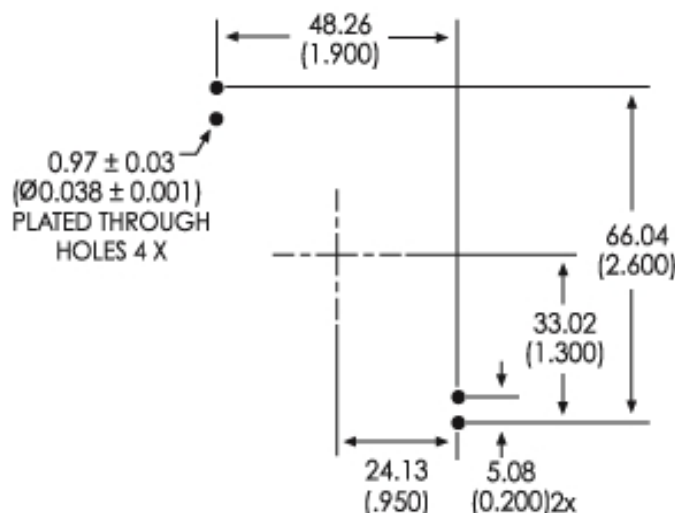
Width	Length	Height	Fin Thickness Across Width	Fin Thickness Across Length	Base Thickness	# of fins across width	# of fins across length
35mm	35mm	18mm	1.40mm	1.57mm	1.50mm	10	10

Mechanical Outline Drawing



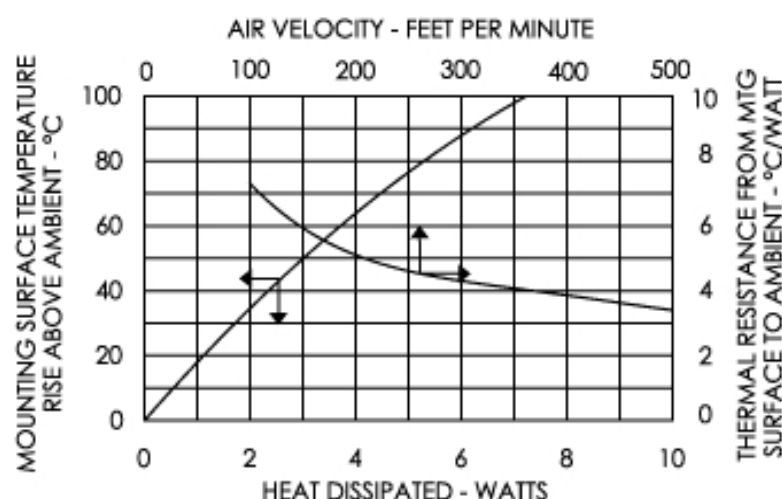
Unless otherwise shown, tolerances are ± 0.38 ($\pm .015$)

Recommended PCB Hole Pattern



Thermal Performance

* ? n** ? f
15.3 5.15



* 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 f/m) 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>