

## Solder Anchor Attachment Method

**Part Number: 374824B60024**

(Vis Number: 037813)

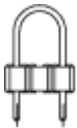
**This part is in stock and available for immediate delivery:**

Contact your [local sales rep](#)

| BGA Surface | Interface | Heat Sink Finish | Part Class |
|-------------|-----------|------------------|------------|
| All         | T766      | Black Anodize    | A          |

### Features and Benefits

- New unique wire clip design allows for complete reworkability after assembly
- Configurations are available for a wide range of BGA package sizes in any thickness up to 3.0mm
- Minimal PC Board real estate is required for mounting
- Solder Anchors provide the most rugged mounting in the industry
- Each Heat Sink utilizes a phase change pad as the interface for optimal performance



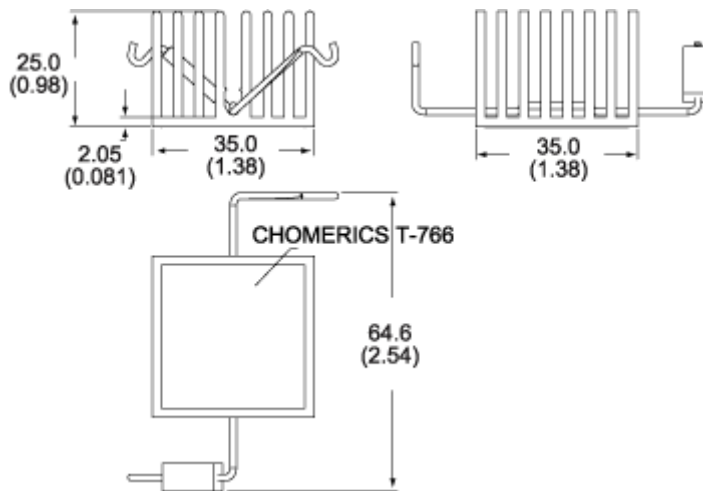
Solder anchors are sold separately

**Part Number Do57**

*2 Solder anchors must be soldered to the PCB Prior to attaching the heat sink clip.*

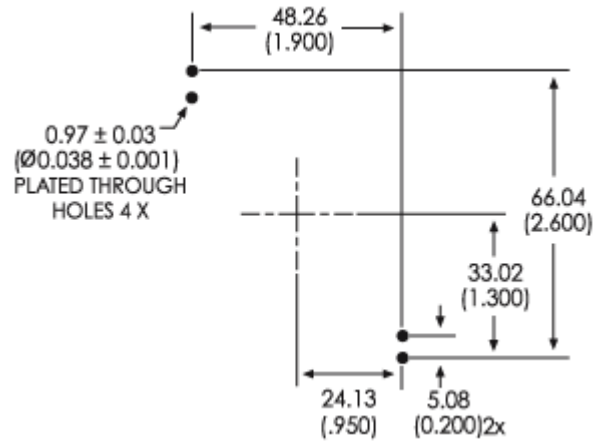
| Width | Length | Height | Fin Thickness Across Width | Fin Thickness Across Length | Base Thickness | # of fins across width | # of fins across length |
|-------|--------|--------|----------------------------|-----------------------------|----------------|------------------------|-------------------------|
| 35mm  | 35mm   | 25mm   | 1.9mm                      | 2.04mm                      | 2.05mm         | 8                      | 8                       |

### Mechanical Outline Drawing



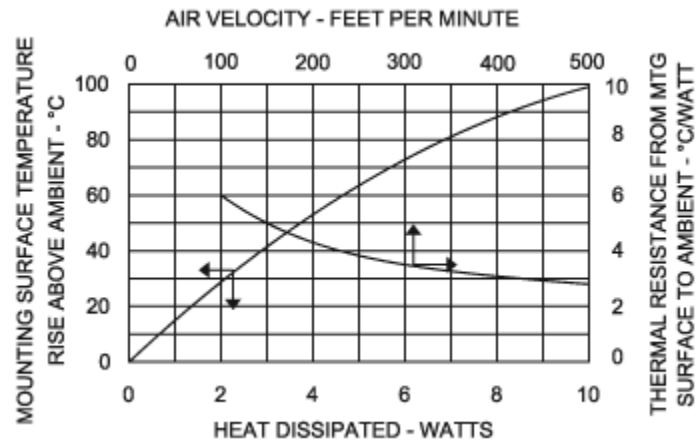
Unless otherwise shown, tolerances are  $\pm 0.38(\pm .015)$

### Recommended PCB Hole Pattern



## Thermal Performance

|              |               |
|--------------|---------------|
| * $\theta_n$ | ** $\theta_f$ |
| 12           | 4.27          |



\*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.

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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.

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