

## 1542004-2 Product Details

**Live Product Chat** US Only  
8:30am - 5pm ET, Mon - Fri



**1542004-2**

TE Part Number: 1542004-2

Active

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### Heat Sink Assemblies

Converted to EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Heat Sink
  - BGA
  - Package Size = 25 [.985] mm [in]
  - For Use With BGA Semiconductor Packages
  - Power Air Velocity Thermal Resistance
- [View all Features](#) | [Find Similar Products](#)

### Quick Links

- ▶ [Check Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

### Documentation & Additional Information

#### Product Drawings:

- None Available

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

- None Available

#### Application Specifications:

- None Available

#### Instruction Sheets:

- None Available

#### CAD Files:

- None Available

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)

### Product Features (Please use the Product Drawing for all design activity)

#### Product Type Features:

- [Product Type](#) = Heat Sink
- [Device Type](#) = BGA
- [For Use With](#) = BGA Semiconductor Packages
- [Finish](#) = Black Anodize
- [Material](#) = Cold-Forged Aluminum
- [Comment](#) = Mounting clip does not increase overall heat sink height.; Heat sink assembly includes Two Leg Standard Clip, Part Number 1542367-1.

#### Electrical Characteristics:

- [Heat Sink Type](#) = 3 Fin Radial

#### Termination Related Features:

- [Height \(mm \[in\]\)](#) = 11.23 [0.442]

#### Body Related Features:

- [Package Size \(mm \[in\]\)](#) = 25 [.985]
- [Flammability Rating](#) = UL 94V-0

#### Configuration Related Features:

- [Diameter \(mm \[in\]\)](#) = 25.40 [1.000]

#### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- [RoHS/ELV Compliance History](#) = Converted to comply with RoHS directive

#### Other:

- [Brand](#) = Tyco Electronics
- [Line](#) = ChipCoolers

### Interrelated Features

When Power (W) is:	And Air Velocity is:	Thermal Resistance (°C) is:
5.0	0 LFM	12.88
5.0	200 LFM	6.97
5.0	400 LFM	4.95
5.0	600 LFM	3.95
5.0	With Fan	3.79
10.0	0 LFM	11.24
10.0	200 LFM	6.66
10.0	400 LFM	4.82
10.0	600 LFM	3.88
10.0	With Fan	4.06
15.0	0 LFM	10.27
15.0	200 LFM	6.53
15.0	400 LFM	4.60
15.0	600 LFM	3.82
15.0	With Fan	3.94