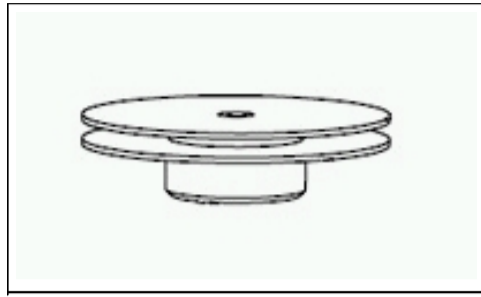


# 1 - 1542002 -1 Product Details

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



**1 - 1542002 -1**

[Active](#)

## Heat Sink Assemblies

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

### Product Highlights:

- ? Heat Sink
- ? BGA
- ? Package Size = 37.5 [1.478] 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:

- ? [37.5mm HS ASS'Y \(HTS365 -U\)](#) (PDF, English)

### 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](#)

### Additional Product Images:

- ? [Line Drawing](#)
- ? [Thermal Resistance Chart](#)

### Related Products:

- ? [Tooling](#)

[List all Documents](#)

## 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 = Aluminum
- ? Comment = Mounting clip does not increase overall heat sink height.

### Electrical Characteristics:

- ? [Heat Sink Type](#) = 2 Fin Radial

### Termination Related Features:

- ? [Height \(mm \[in\]\)](#) = 9.06 [0.357]

### Body Related Features:

- ? [Package Size \(mm \[in\]\)](#) = 37.5 [1.478]
- ? Flammability Rating = UL 94V -0

### Configuration Related Features:

- ? [Diameter \(mm \[in\]\)](#) = 34.92 [1.375]

### 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	12.04
5.0	200 LFM	6.32
5.0	400 LFM	4.30
5.0	600 LFM	3.00
10.0	0 LFM	10.94
10.0	200 LFM	6.44
10.0	400 LFM	4.49
10.0	600 LFM	3.24
15.0	0 LFM	10.07
15.0	200 LFM	6.44
15.0	400 LFM	4.59
15.0	600 LFM	3.26