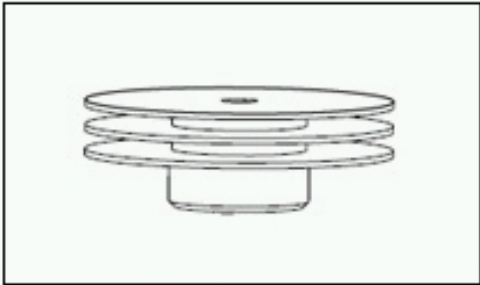


5-1542004-6 Product Details



5-1542004-6
(HTS766-U)
TE Internal Number: 5-1542004-6
 [Active](#)

Heat Sink Assemblies

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

Product Highlights:

- Heat Sink
- BGA
- Package Size = 21 [.827] mm [in]
- For Use With BGA Semiconductor Packages
- Power Air Velocity Thermal Resistance

[View all Features](#)

 **Live Product Chat**

Quick Links

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

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Documentation & Additional Information

Product Drawings:

- [21mm HEATSINK ASSEMBLY \(HTS766-U\)](#) (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.; Heat sink assembly includes Two Leg Clip, Part Number 1542431-1.

Electrical Characteristics:

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

Termination Related Features:

- [Height \(mm \[in\]\)](#) = 11.86 [0.467]

Body Related Features:

- [Package Size \(mm \[in\]\)](#) = 21 [.827]
- 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 = Always was RoHS compliant

Other:

- Brand = Tyco Electronics
- Line = ChipCoolers

Interrelated Features

When Power (W) is:	And Air Velocity is:	Thermal Resistance (°C) is:
5.0	0 LFM	13.23
5.0	200 LFM	5.99
5.0	400 LFM	4.05
5.0	600 LFM	3.45
10.0	0 LFM	11.44
10.0	200 LFM	6.03
10.0	400 LFM	3.84
10.0	600 LFM	3.31
15.0	0 LFM	10.46
15.0	200 LFM	6.04
15.0	400 LFM	3.72
15.0	600 LFM	3.28