

7-1542006-1 Product Details

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



7-1542006-1

TE Part Number: 7-1542006-1

✓ [Active](#)

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Heat Sink Assemblies

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

Product Highlights:

- Heat Sink
- BGA
- Package Size = 35 [1.379] mm [in]
- For Use With BGA Semiconductor Packages
- Power Air Velocity Thermal Resistance

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Documentation & Additional Information

Product Drawings:

- [35mm PIN FIN HEATSINK ASSEMBLY \(HTS429NF-U\)](#) (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](#)

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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 Four Leg Low Profile Clip, Part Number 1542385-1.

Electrical Characteristics:

- [Heat Sink Type](#) = Pin Fin 2
- Fan Type = No Fan

Termination Related Features:

- [Height \(mm \[in\]\)](#) = 19.05 [0.750]

Body Related Features:

- [Package Size \(mm \[in\]\)](#) = 35 [1.379]
- Flammability Rating = UL 94V-0

Configuration Related Features:

- [Diameter \(mm \[in\]\)](#) = 34.95 [1.376]

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	8.94
5.0	200 LFM	4.15
5.0	400 LFM	3.26
5.0	600 LFM	2.15
10.0	0 LFM	8.24
10.0	200 LFM	4.38
10.0	400 LFM	3.19
10.0	600 LFM	2.35
15.0	0 LFM	7.69
15.0	200 LFM	4.47
15.0	400 LFM	3.24
15.0	600 LFM	2.41

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