

1542005 -3 Product Details

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



1542005 -3
(HTS276B -U)

Active

Heat Sink Assemblies

[Converted to 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

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Quick Links

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Documentation & Additional Information

Product Drawings:

- ? [21mm PIN FIN HEATSINK ASSEMBLY \(HTS276B -U\)](#) (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 = Cold -Forged 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](#) = Pin Fin 2
- ? [Fan Type](#) = Double Ball Bearing

Termination Related Features:

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

Body Related Features:

- ? [Package Size \(mm \[in\]\)](#) = 21 [.827]
- ? 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 = 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	11.21
5.0	200 LFM	5.54
5.0	400 LFM	3.60
5.0	600 LFM	3.05
5.0	With Fan	4.18
10.0	0 LFM	9.66
10.0	200 LFM	5.41
10.0	400 LFM	3.51
10.0	600 LFM	2.94
10.0	With Fan	4.02
15.0	0 LFM	8.82
15.0	200 LFM	5.21
15.0	400 LFM	3.31
15.0	600 LFM	2.88
15.0	With Fan	3.88