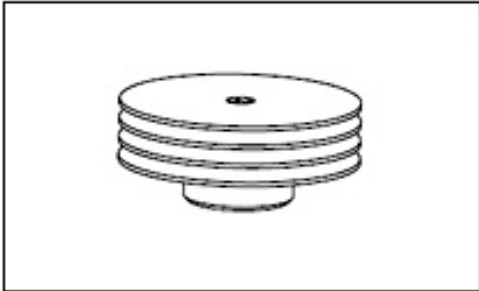


1-1542000-2 Product Details



1-1542000-2

TE Part Number: 1-1542000-2

Active

Add to Part List

Heat Sink Assemblies

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

Product Highlights:

- Heat Sink
 - BGA
 - Package Size = 45 [1.773] mm [in]
 - For Use With BGA Semiconductor Packages
 - Power Air Velocity Thermal Resistance
- [View all Features](#) | [Find Similar Products](#)

Live Product Chat

US Only

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Quick Links

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Product Feature Selector

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Documentation & Additional Information	
Product Drawings: HEATSINK ASSEMBLY (HTS11-P) (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 Standard Clip, Part Number 1542349-1. Electrical Characteristics: Heat Sink Type = 4 Fin Radial Termination Related Features: Height (mm [in]) = 19.22 [0.757]	Body Related Features: Package Size (mm [in]) = 45 [1.773] - Flammability Rating = UL 94V-0 Configuration Related Features: Diameter (mm [in]) = 48.26 [1.900] 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	8.75
5.0	200 LFM	3.80
5.0	400 LFM	2.30
5.0	600 LFM	2.13
10.0	0 LFM	7.87
10.0	200 LFM	3.79
10.0	400 LFM	2.20
10.0	600 LFM	1.89
15.0	0 LFM	7.37
15.0	200 LFM	3.69
15.0	400 LFM	2.19
15.0	600 LFM	1.88