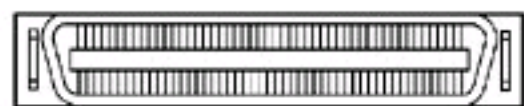




1-5175473-0 Product Details


 [Share](#)  [Print](#)  [Email](#)



1-5175473-0

TE Internal Number: 1-5175473-0

 [Active](#)

 [View 3D PDF](#)

1.27 [.050] Series I, HD, FH and J Connectors

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

Product Highlights:

- Connector
- Applies To Printed Circuit Board
- Connector Style = Plug
- 100 Positions
- 1.27 mm Centerline

[View all Features](#)

Quick Links

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

Documentation & Additional Information

Product Drawings:

- [AMP CHAMP .050 CONNECTOR \(B-T-B\) PLUG CONNECTOR \(VER...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [CHAMP .050 SERIES I CONNECTOR](#) (PDF, English)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: ([CAD Format & Compression Information](#))

- [2D Drawing](#) (DXF, Version A)
- [3D Model](#) (IGES, Version A)
- [3D Model](#) (STEP, Version A)

Additional Information:

- [Product Line Information](#)

Additional Product Images:

- [Side View](#)

Related Products:

- [Tooling](#)

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- [Product Type](#) = Connector
- [Profile](#) = Standard
- PCB Mount Style = Through Hole
- PCB Mount Retention = With
- [PCB Mounting Orientation](#) = Vertical
- [Type of Connector](#) = High Density (HD)
- [PCB Mount Alignment](#) = Without
- Retention Leg Material = Brass
- Color = Black
- Used For = Board To Board Applications
- Sealed Bottom = Without

Mechanical Attachment:

- Retention Leg Plating = Tin over Nickel

Termination Features:

- [Termination Post Length \(mm \[in\]\)](#) = 3.10 [0.122]

Body Features:

- [Number of Positions](#) = 100
- [Centerline \(mm \[in\]\)](#) = 1.27 [0.050]
- [PCB Mount Retention Type](#) = Boardlock(s)

Contact Features:

- [Contact Plating, Mating Area, Material](#) = Gold (8)
- Contact Base Material = Phosphor Bronze

Housing Features:

- Connector Style = Plug
- [Housing Temperature Rating](#) = Standard
- Housing Material = Nylon
- UL Flammability Rating = UL 94V-0

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant

Conditions for Usage:

- Applies To = Printed Circuit Board

Operation/Application:

- [Application](#) = Standard

Other:

- Brand = AMP

Corporate Information

[Who We Are](#)
[Investors](#)
[News Room](#)
[Supplier Portal](#)
[Careers](#)

Quick Links

[Check Distributor Inventory](#)
[Cross Reference](#)
[Find Documents & Drawings](#)
[Product Compliance Support Center](#)
[Site Map](#)

Customer Support

[Email or Chat With Us](#)
[Find a Phone Number](#)
[Search Knowledge Base](#)
[Manage your Account](#)

Keep Me Informed

Receive TE News, Events & Technology Updates

Enter your email address

