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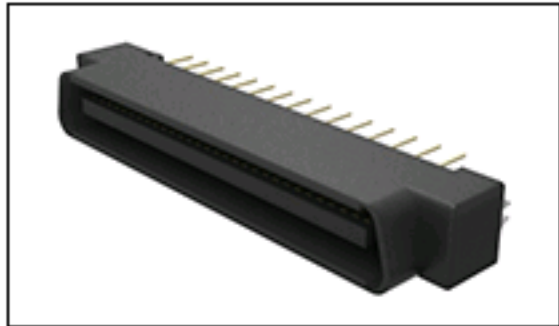
Home > Products > CHAMP Connectors > Product Feature Selector > Product Details

1-5175473-1 Product Details

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1-5175473-1

TE Internal Number: 1-5175473-1

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
- 120 Positions
- 1.27 mm Centerline

[View all Features](#)

Quick Links

- Pricing & Availability
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- 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 Mount Retention Type](#) = Boardlock(s)
- [PCB Mounting Orientation](#) = Vertical
- [Type of Connector](#) = High Density (HD)
- [PCB Mount Alignment](#) = Without
- Color = Black
- Used For = Board To Board Applications
- Sealed Bottom = Without

Termination Features:

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

Body Features:

- Retention Leg Material = Brass
- Retention Leg Plating = Tin over Nickel

Contact Features:

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

Housing Features:

- Connector Style = Plug
- [Centerline \(mm \[in\]\)](#) = 1.27 [0.050]
- Housing Material = Nylon
- UL Flammability Rating = UL 94V-0

Configuration Features:

- [Number of Positions](#) = 120

Industry Standards:

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

Conditions for Usage:

- [Applies To](#) = Printed Circuit Board
- [Housing Temperature Rating](#) = Standard

Operation/Application:

- [Application](#) = Standard

Other:

- Brand = AMP

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