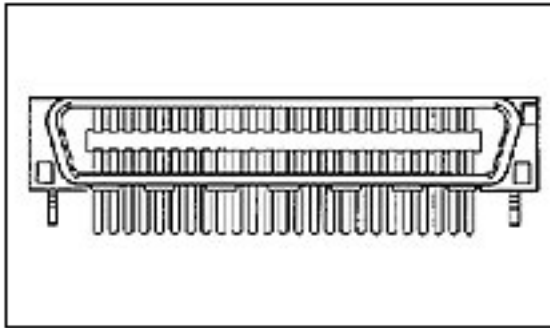


5175472-6 Product Details



5175472-6

TE Internal Number: 5175472-6

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
- 50 Positions
- 1.27 mm Centerline

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings:

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

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 \(DXF, Version 0\)](#)
- [3D Model \(IGES, Version 0\)](#)
- [3D Model \(STEP, Version 0\)](#)

Additional Information:

- [Product Line Information](#)

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](#) = Right Angle
- [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]
- [Solder Tail Contact Plating](#) = Tin

Body Features:

- [Number of Positions](#) = 50
- [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 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

Operation/Application:

- [Application](#) = Standard

Other:

- [Brand](#) = Tyco Electronics

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