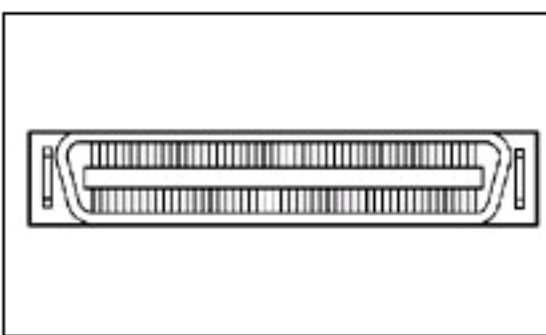


3-5175473-1 Product Details

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3-5175473-1

TE Internal Number: 3-5175473-1

 [Active](#)

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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
- 20 Positions
- 1.27 mm Centerline

[View all Features](#)

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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) List all Documents	Additional Information: Product Line Information Additional Product Images: Side View Related Products: Tooling

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 = 20 Centerline (mm [in]) = 1.27 [0.050] PCB Mount Retention Type = Boardlock(s)	Contact Features: Contact Plating, Mating Area, Material = Gold (20) - 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