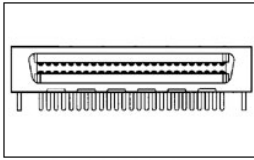


1-5175474-1 Product Details

[Live Product Chat](#)



1-5175474-1

TE Part Number: 1-5175474-1

Active

[Add to Part List](#)

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

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

Product Highlights:

- Connector
- Receptacle
- Number of Positions = 120
- 1.27 mm Centerline
- Standard Profile

[View all Features](#) | [Find Similar Products](#)

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 \(B-T-B\) RECEPTACLE CONECTOR...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

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)

[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
- [Gender](#) = Receptacle
- [Number of Positions](#) = 120
- [Profile](#) = Standard
- PCB Mount Style = Thru Hole
- PCB Retention Feature = Yes
- [PCB Mount Angle](#) = Right Angle
- [Connector Type](#) = High Density (HD)
- [PCB Polarization](#) = 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 Related Features:

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

Body Related Features:

- [Centerline \(mm \[in\]\)](#) = 1.27 [0.050]
- [PCB Retention Method](#) = Boardlock(s)

Contact Related Features:

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

Housing Related Features:

- [Housing Temperature Rating](#) = Standard
- Housing Material = Nylon
- Housing 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

Operation/Application:

- [Application](#) = Standard

Other:

- Brand = AMP

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