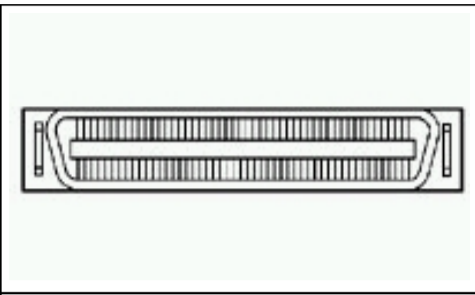


**6-5175473 -0 Product Details**

**Live Product Chat** US Only  
8:30am - 5pm ET, Mon - Fri



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

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

**Product Highlights:**

- ? Connector
- ? Plug
- ? Number of Positions = 100
- ? 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](#)

**6-5175473 -0**

[Active](#)

**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:**

- ? 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)

**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
- ? [Gender](#) = Plug
- ? [Number of Positions](#) = 100
- ? [Profile](#) = Standard
- ? PCB Mount Style = Thru Hole
- ? PCB Retention Feature = Yes
- ? [PCB Mount Angle](#) = Vertical
- ? [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 (30)
- ? 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