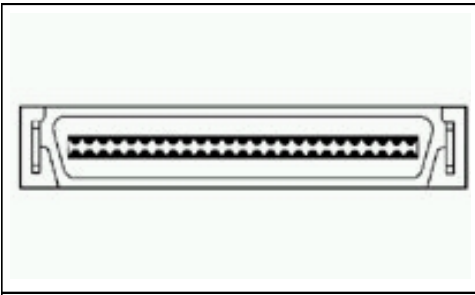


5-5175475 -6 Product Details

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
- ? Receptacle
- ? Number of Positions = 50
- ? 1.27 mm Centerline
- ? Standard Profile

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

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[Active](#)

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 CONNECTO...](#) (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](#)

Related Products:

- ? [Tooling](#)

[List all Documents](#)

Product Features

(Please use the Product Drawing for all design activity)

Product Type Features:

- ? [Product Type](#) = Connector
- ? [Gender](#) = Receptacle
- ? [Number of Positions](#) = 50
- ? [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
- ? Product Series = Series I

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