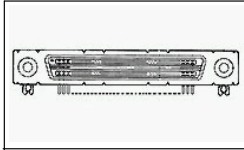


Product Details for 4 -179135 -4



4 -179135 -4

[Active](#)

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

[5 of 6 RoHS/ELV Compliant](#) ([Find RoHS Compliant Alternates/Compliance Statement](#))

Product Highlights:

- ? Connector
- ? Receptacle
- ? Number of Positions = 160
- ? 1.27 mm Centerline
- ? Low Profile

[View all Features](#)

Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

Documentation & Additional Information

Product Drawings:

- ? [AMP DOCKING CONNECTOR RECEPTACLE ASS'Y KIT \(HORIZONTAL...](#) (PDF, English)

Catalog Pages/Data Sheets:

- ? None Available

Product Specifications:

- ? [AMP Docking Connector](#) (PDF, English)

Application Specifications:

- ? [CHAMP .050 Series Low Profile Docking Connectors](#) (PDF, English)

Instruction Sheets:

- ? None Available

CAD Files: ([CAD Format & Compression Information](#))

- ? [3D Model](#) (IGES, Version O)
- ? [Footprint](#) (IGES, Version O)
- ? [Panel Cutout](#) (IGES, Version O)

[List all Documents](#)

Additional Information:

- ? [Product Line Information](#)

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](#) = 160
- ? [Profile](#) = Low
- ? PCB Mount Style = Thru Hole (SMT Compatible)
- ? Special PCB Retention = With
- ? [Special PCB Retention Method](#) = Boardlock
- ? [PCB Mount Angle](#) = Right Angle
- ? [Connector Type](#) = Blindmate
- ? [PCB Polarization](#) = Without
- ? Footprint (mm [in]) = 5 -Row [5 -Row]
- ? Panel Thickness (mm [in]) = 0.55 - 1.20 [0.022 - 0.047]
- ? Shell Material = Steel
- ? Guide Socket [Pin] Material = Brass

Mechanical Attachment:

- ? Panel Attachment = With
- ? Bail Lock = With
- ? Boardlock Material = Brass
- ? Boardlock Plating = Tin -Lead over Nickel
- ? Locking Screw = Without

Termination Related Features:

- ? [Termination Post Length \(mm \[in\]\)](#) = 2.49 [0.098]

Body Related Features:

- ? [Centerline \(mm \[in\]\)](#) = 1.27 [0.050]
- ? Center Ground Plate = Without
- ? Shell Plating = Nickel over Copper
- ? Guide Socket [Pin] Plating = Nickel over Copper

Contact Related Features:

- ? [Contact Mating Area Plating](#) = Gold (30) over Nickel
- ? Contact Termination Area Plating = Tin -Lead over Nickel

Housing Related Features:

- ? [Housing Temperature Rating](#) = Standard
- ? Housing Color = Natural
- ? Housing Material = Liquid Crystal Polymer (LCP)
- ? Housing Flammability Rating = UL 94V -0

Industry Standards:

- ? [RoHS/ELV Compliance](#) = ELV compliant, 5 of 6 Compliant
- ? [Lead Free Solder Processes](#) = Wave solder capable to 240°C

Operation/Application:

- ? [Application](#) = Box -to -Box

Other:

- ? Brand = AMP