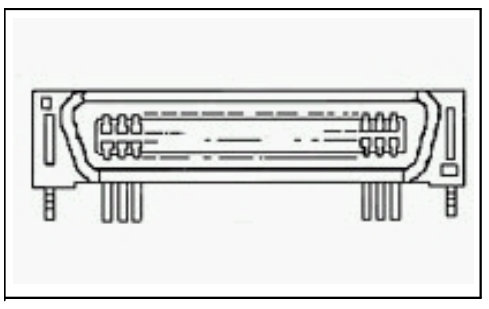
5176381 -8 Product Details

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



5176381 -8

Active

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 = 180
- 1.27 mm Centerline
- PCB Mount Style = Thru Hole

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 FH CONNECTOR PLUG WITH RETENTION -LEG (HORIZONTAL) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- AMP CONNECTOR ,FH CONNECTOR LEAD FREE PRODUCT SPEC (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:

- Mating Configurations

Related Products:

- Tooling

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Product Type = Connector
- Gender = Plug
- Number of Positions = 180
- PCB Mount Style = Thru Hole
- PCB Retention Feature = Yes
- PCB Mount Angle = Right Angle
- Connector Type = Free Height (FH)
- PCB Polarization = Without
- Retention Leg Material = Brass
- Color = Black
- Used For = Interconnections Requiring Variable Stacking Heights
- Sealed Bottom = Without
- Product Series = FH (Free Height)

Mechanical Attachment:

- Retention Leg Plating = Tin

Termination Related Features:

- Termination (Solder) Post Length (mm [in]) = 3.10 [0.122]
- Solder Tail Contact Plating = Tin

Body Related Features:

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

Contact Related Features:

- Contact Mating Area Plating = Gold (12)
- 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

© 2008 Tyco Electronics Corporation All Rights Reserved