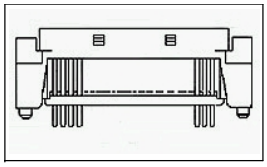
5176372 -1 Product Details

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



5176372 -1

Active

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 = 40
- 1.27 mm Centerline
- PCB Mount Style = Thru Hole

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Documentation & Additional Information

Product Drawings:
- AMP FH CONNECTOR RECEPTACLE (VERTICAL) (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 O)
- 3D Model (IGES, Version O)
- 3D Model (STEP, Version O)

List all Documents

Additional Information:
- Product Line Information

Additional Product Images:
- Mating Configurations
- Mating Configurations

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 = 40
- PCB Mount Style = Thru Hole
- PCB Retention Feature = No
- PCB Mount Angle = Vertical
- Connector Type = Free Height (FH)
- PCB Polarization = Without
- Color = Black
- Used For = Interconnections Requiring Variable Stacking Heights
- Sealed Bottom = Without
- Product Series = FH (Free Height)

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]

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

Configuration Related Features:
- Stack Height (mm [in]) = 12.00 [0.472]

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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