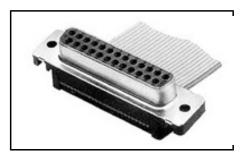


1658612-1 Product Details



1658612-1



Standard Cable Connectors



Product Highlights:

- Connector
- Product Series = HDF-20 (Ribbon Cable)
- Number of Positions = 37
- Receptacle
- With Contacts

View all Features | Find Similar Products



Documentation & Additional Information

Product Drawings:

• RCPT ASSY, FRONT METAL SHELL, LEAD-FREE, AMPLIMITE HDF (PDF, English)

Catalog Pages/Data Sheets:

• None Available

Product Specifications:

• Connector, AMPLIMITE HDF-20, Low Profile (PDF, English)

Application Specifications:

• None Available

Instruction Sheets:

• Connector-Specific Kit 768349-1 for AMP-LATCH HDF Lo... (TIF, English)

CAD Files: (CAD Format & Compression Information)

- 2D Drawing (DXF, Version O1)
- 3D Model (IGES, Version O1)
- 3D Model (STEP, Version O1)

Additional Information:

• Product Line Information

Additional Product Images:

• Panel Mount Cutout Dimensions

Related Products:

- Tooling
- Mating Products (82)

List all Documents

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

Product Type Features:

- <u>Product Type</u> = Connector
- Product Series = HDF-20 (Ribbon Cable)
- Number of Positions = 37
- Gender = Receptacle
- Wire/Cable Type = Ribbon Cable
- <u>Wire Termination Type</u> = Insulation Displacement Crimp (IDC)
- Mating Connector Lock = With
- Mating Connector Lock Type = Mounting Holes
- Shell Size = 4
- Shell Type = Front Metal Shell
- Grounding Indents = Without
- Grade = Standard
- Profile = Low
- Color = Black
- Shell Material = Steel
- Cover Material = Thermoplastic
- Comment = All plug assemblies are supplied with housing and cover preassembled

Termination Related Features:

• Solder Tail Contact Plating = Tin over Nickel

Body Related Features:

- Wire Range (mm² [AWG]) = 0.08 0.15 [28-26]
- <u>Cable Insulation Diameter (mm [in])</u> = 0.81 0.97 [0.032 0.038]
- Ribbon Cable Centerline Spacing (mm [in]) = 1.27 [0.050]
- Shell Plating = Bright Tin
- Optional Cable Stabilizer = 747275-1
- Strain Relief Part Number = 747275-1

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Contact Related Features:

- Contacts = With
- Contact Mating Area Plating = Gold (30)
- Contact Size = 20
- Contact Material = Phosphor Bronze

Housing Related Features:

- Housing Material = Thermoplastic
- Housing Flammability Rating = UL 94V-0

Industry Standards:

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- <u>Lead Free Solder Processes</u> = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

Other:

• Brand = AMP