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TE Part Number: 746861-4

 Superseded

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Not EU RoHS or ELV Compliant (Find RoHS Compliant Alternates)

- Connector
- Product Series = HDF-20 (Ribbon Cable)
- Number of Positions = 9
- Receptacle
- With Contacts

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Product Drawings:

- None Available

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

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

Application Specifications:

- None Available

Instruction Sheets:

- None Available

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

- 2D Drawing (DXF, Version J1)
- 3D Model (IGES, Version J1)
- 3D Model (STEP, Version J1)

Additional Information:

- Product Line Information

Additional Product Images:

- [Panel Mount Cutout Dimensions](#)
- [Mating View](#)

Related Products:

- Tooling
- Mating Products (8)

List all Documents

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

Product Type Features:

- Product Type = Connector
- Product Series = HDF-20 (Ribbon Cable)
- Number of Positions = 9
- Gender = Receptacle
- Wire/Cable Type = Ribbon Cable
- Wire Termination Type = Insulation Displacement Crimp (IDC)
- Mating Connector Lock = With
- Mating Connector Lock Type = Threaded Insert, 4-40 UNC
- Shell Size = 1
- Shell Type = Full Metal Shell
- Grounding Indents = Without
- Grade = Standard
- Profile = Low
- Color = Black
- Shell Material = Steel
- Thread Type = Self-Locking
- Threaded Insert Material = Brass
- Comment = All plug assemblies are supplied with housing and cover preassembled; Mass Termination

Termination Related Features:

- Solder Tail Contact Plating = Bright Tin-Lead over Nickel

Body Related Features:

- Wire Range (mm² [AWG]) = 0.08 - 0.15 [28-26]
- Ribbon Cable Centerline Spacing (mm [in]) = 1.27 [0.050]
- Shell Plating = Tin
- Threaded Insert Plating = None

Contact Related Features:

- Contacts = With
- Contact Mating Area Plating Material = 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 = Not ELV/RoHS compliant
- Lead Free Solder Processes = Not relevant for lead free process

Other:

- Brand = AMP