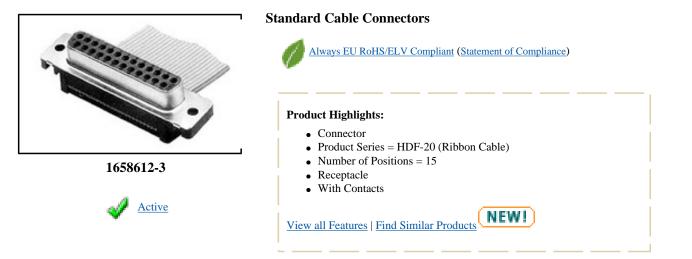
# 1658612-3 Product Details



#### **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)
- <u>3D Model</u> (IGES, Version O1)
- <u>3D Model</u> (STEP, Version O1)

# **Additional Information:**

Product Line Information

#### **Additional Product Images:**

Panel Mount Cutout Dimensions

#### **Related Products:**

- Tooling
- Mating Products (88)

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 = 15
- <u>Gender</u> = Receptacle
- <u>Wire/Cable Type</u> = Ribbon Cable
- <u>Wire Termination Type</u> = Insulation Displacement Crimp (IDC)
- <u>Mating Connector Lock</u> = With
- <u>Mating Connector Lock Type</u> = Mounting Holes
- <u>Shell Size</u> = 2
- <u>Shell Type</u> = Front Metal Shell
- <u>Grounding Indents</u> = 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:**

• <u>Solder Tail Contact Plating</u> = Tin over Nickel

#### **Body Related Features:**

- <u>Wire Range (mm<sup>2</sup> [AWG])</u> = 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 = 747275-3
- Strain Relief Part Number = 747275-3

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## **Contact Related Features:**

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

#### **Housing Related Features:**

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

#### Industry Standards:

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

## Other:

• Brand = AMP