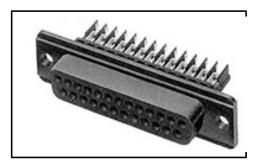


# 745201-7 Product Details



745201-7



## **Standard Cable Connectors**



Always EU RoHS/ELV Compliant (Statement of Compliance)

# **Product Highlights:**

- Connector
- Product Series = HDE-20 (IDC)
- Number of Positions = 9
- Receptacle
- With Contacts

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# **Documentation & Additional Information**

# **Product Drawings:**

• ASSEMBLY RECEPTACLE, SIZE 1, 9 POSITION, AMPLIMITE (PDF, English)

## Catalog Pages/Data Sheets:

• None Available

### **Product Specifications:**

• Connector, AMPLIMITE HDE-20, Insulation Displacement (PDF, English)

#### **Application Specifications:**

• AMPLIMITE HDE-20 IDC Connectors (PDF, English)

## **Instruction Sheets:**

• AMPLIMITE High-Density (HDE-20) Insulation Displacem... (PDF, English)

# CAD Files: (CAD Format & Compression Information)

- 2D Drawing (DXF, Version M1)
- 3D Model (IGES, Version M1)
- <u>3D Model</u> (STEP, Version M1)

# **Additional Information:**

• Product Line Information

# **Related Products:**

- Tooling
- Mating Products (19)

List all Documents

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

#### **Product Type Features:**

- <u>Product Type</u> = Connector
- Product Series = HDE-20 (IDC)
- Number of Positions = 9
- Gender = Receptacle
- Wire/Cable Type = Discrete Wire, Round Jacketed Cable
- Wire Termination Type = Insulation Displacement Crimp (IDC)
- Wire Insulation Diameter (mm [in]) = 1.52 [0.060]
- Mating Connector Lock = With
- Mating Connector Lock Type = Mounting Holes
- Shell Size = 1
- Shell Type = All Plastic
- Grounding Indents = Without
- Grade = Standard
- Color = Black
- Comment = All connectors are preloaded. Individual conductor strands should
  be larger than 0.13 [.005] diameter. Contacts accept a max. wire insulation
  thickness of 0.38 [.015]. HDE connectors are designed for terminating solid or
  stranded (7-strand max.) wire.; HDE connectors are designed for terminating
  solid or stranded (7-strand max.) wire.; Individual conductor strands should be
  larger than 0.127 in. [.005] diameter.

## **Termination Related Features:**

• Solder Tail Contact Plating = Tin over Nickel

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## **Body Related Features:**

• Wire Range (mm<sup>2</sup> [AWG]) = 0.15 - 0.40 [26-22]

#### **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