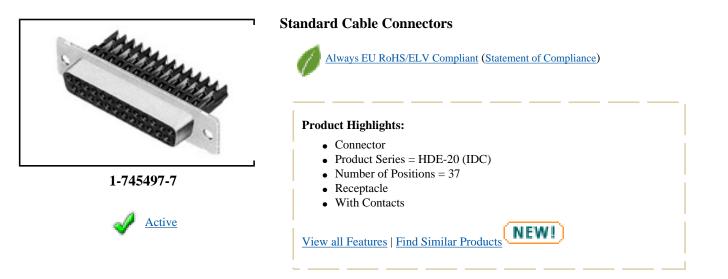
1-745497-7 Product Details



Documentation & Additional Information

Product Drawings:

• RECEPTACLE ASSEMBLY, METAL SHELL, SIZE 4, 37 POSITIO... (PDF, English)

Catalog Pages/Data Sheets:

- None Available
- Product Specifications:
 - Connector, AMPLIMITE HDE-20, Insulation Displacement (PDF, English)

Application Specifications:

• <u>AMPLIMITE HDE-20 IDC Connectors</u> (PDF, English)

Instruction Sheets:

• AMPLIMITE High Den. (HDE-20) Insulation Displacement... (PDF, English)

CAD Files: (CAD Format & Compression Information)

- <u>2D Drawing</u> (DXF, Version N2)
- <u>3D Model</u> (IGES, Version N2)
- <u>3D Model</u> (STEP, Version N2)

Additional Information:

Product Line Information

Related Products:

- <u>Tooling</u>
- Mating Products (14)

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 = 37
- <u>Gender</u> = Receptacle
- <u>Wire/Cable Type</u> = Discrete Wire, Round Jacketed Cable
- <u>Wire Termination Type</u> = Insulation Displacement Crimp (IDC)
- <u>Wire Insulation Diameter (mm [in])</u> = 1.52 [0.060]
- <u>Mating Connector Lock</u> = With
- <u>Mating Connector Lock Type</u> = Mounting Holes
- <u>Shell Size</u> = 4
- <u>Shell Type</u> = Full Metal Shell
- <u>Grounding Indents</u> = Without
- Grade = Standard
- Color = Black
- Shell Material = Steel
- 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.; Individual conductor strands should be larger than 0.127 in. [.005] diameter.; Connectors can be made available with clinch nuts, contact AMP Incorporated; HDE connectors are designed for terminating solid or stranded (7-strand max.) wire.

Termination Related Features:

• Solder Tail Contact Plating = Tin over Nickel

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Body Related Features:

- <u>Wire Range (mm² [AWG])</u> = 0.15 0.40 [26-22]
- Shell Plating = Tin
- Insert Material = Thermoplastic
- Insert Flammability Rating = UL 94V-0

Contact Related Features:

- $\underline{Contacts} = With$
- Contact Mating Area Plating = Gold Flash
- <u>Contact Size</u> = 20
- Contact Material = Phosphor Bronze

Industry Standards:

- <u>RoHS/ELV Compliance</u> = 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