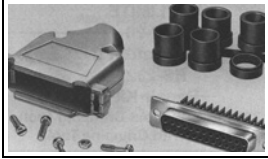


## 749814-7 Product Details



**749814-7**

TE Internal Number: 749814-7



### Standard Cable Connectors

 Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Connector
- Product Series = HDE-20 (IDC)
- 9 Positions
- With Enclosure
- Shielded

[View all Features](#)

### Documentation & Additional Information

#### Product Drawings:

- [RECEPTACLE KIT, SIZE 1, 9 POS, METAL SHELL, UNASSEMB...](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

- [AMPLIMITE HDE-20 Insulation Displacement Connector](#) (PDF, English)
- [AMPLIMITE Shielded Cable Clamp Assemblies and Access...](#) (PDF, English)

#### Application Specifications:

- [AMPLIMITE HDE-20 IDC Connectors](#) (PDF, English)

#### Instruction Sheets:

- [AMPLIMITE Connector HD-20 Shielded Cable Clamp Kits](#) (PDF, English)
- [AMPLIMITE High Den. \(HDE-20\) Insulation Displacement...](#) (PDF, English)

#### CAD Files:

- None Available

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)

[List all Documents](#)

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

#### Product Type Features:

- **Product Type** = Connector
- **Product Series** = HDE-20 (IDC)
- **Termination Method to Wire/Cable** = Insulation Displacement Crimp (IDC)
- **Mating Connector Lock** = With
- **Mating Connector Lock Type** = Mounting Holes
- **Shell Size** = 1
- **Shell Type** = Full Metal Shell
- **Grounding Indents** = Without
- **Grade** = Standard
- **Cable Clamp Type** = One-Piece Quick Snap
- **Grommets** = With
- **Screws and Retainer Clips** = With
- **Cable Support Gate Material** = Polypropylene
- **Shell Material** = Steel
- **Retainer Clip Material** = Stainless Steel
- **Strain Relief Clip Material** = Stainless Steel
- **Screw Material** = Steel

#### Mechanical Attachment:

- **Mounting Screw Material** = Steel
- **Mounting Screw Plating** = Zinc
- **Screw Plating** = Zinc

#### Electrical Characteristics:

- **Shielded** = Yes

#### Termination Features:

- **Solder Tail Contact Plating** = Tin

#### Dimensions:

- **Cable Insulation Diameter (mm [in])** = 4.70 - 8.13 [0.185 - 0.320]

#### Body Features:

- **Wire Range (mm<sup>2</sup> [AWG])** = 0.15 - 0.40 [26-22]
- **Cable Exit Angle** = 180°
- **Body Material** = Polypropylene
- **Shell Plating** = Tin over Copper

#### Contact Features:

- **Preloaded** = Yes
- **Contact Type** = Socket
- **Contact Base Material** = Brass, Phosphor Bronze
- **Contact Plating, Mating Area, Material** = Gold Flash
- **Contact Size** = 20

#### Housing Features:

- **Enclosure** = With
- **Connector Style** = Receptacle
- **Housing Material** = Polyester GF, Nylon
- **UL Flammability Rating** = UL 94V-0
- **Housing Color** = Black

#### Configuration Features:

- **Number of Positions** = 9

#### Industry Standards:

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

#### Packaging Features:

- **Packaging Method** = Bulk
- **Packaging Quantity** = 100

#### Other:

- **Brand** = AMP