

## 1658642-1 Product Details



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TE Internal Number: 1658642-1

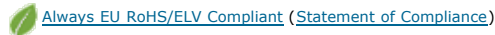


[Active](#)



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### Standard Cable Connectors



[Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

#### Product Highlights:

- Connector
- Product Series = HDP-20 (Crimp Snap)
- Number of Positions = 9
- Plug
- Without Contacts

[View all Features](#)

### Documentation & Additional Information

#### Product Drawings:

- [PLUG CONNECTOR, SIZE 1, 9 POS., W/ CLINCH NUTS, AMPL...](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- [AMPLIMITE Subminiature D Connectors - Cable Connectors](#) (PDF, English)

#### Product Specifications:

- [AMPLIMITE\\* HDP-20 Subminiature D Connector With F Cr...](#) (PDF, English)

#### Application Specifications:

- [AMPLIMITE HDP-20 and Economy Crimp Snap Subminiature...](#) (PDF, English)

#### Instruction Sheets:

- [AMPLIMITE High Density \(HDP-20\) Connectors with Crim...](#) (PDF, English)

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

- [2D Drawing](#) (DXF, Version B)
- [3D Model](#) (IGES, Version B)
- [3D Model](#) (STEP, Version B)

#### Additional Information:

- [Product Line Information](#)

#### 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](#) = HDP-20 (Crimp Snap)
- Number of Positions = 9
- [Gender](#) = Plug
- [Wire Termination Type](#) = Crimp Snap
- [Mating Connector Lock](#) = With
- [Mating Connector Lock Type](#) = Clinch Nut, 4-40 UNC
- [Shell Size](#) = 1
- [Shell Type](#) = Full Metal Shell
- [Grounding Indents](#) = With
- Grade = Standard
- Color = Black
- Shell Material = Steel
- Comment = Clinch Nut: 4-40 threads with self-locking feature; Plugs accept size 20 DF pin contacts.

#### Body Related Features:

- Shell Plating = Tin
- Insert Material = Thermoplastic
- Insert Flammability Rating = UL 94V-0

#### Contact Related Features:

- [Contacts](#) = Without
- [Contact Size](#) = 20

#### 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

#### Other:

- Brand = AMP