

## 1658643-1 Product Details



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TE Internal Number: 1658643-1



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### Standard Cable Connectors

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

#### Product Highlights:

- Connector
- Product Series = HDP-20 (Crimp Snap)
- 9 Positions
- Without Enclosure
- Connector Style = Receptacle

[View all Features](#)

### Documentation & Additional Information

#### Product Drawings:

- [RECEPTACLE CONNECTOR, SIZE 1, 9 POSN, WITH CLINCH NU...](#) (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 0)
- [3D Model](#) (IGES, Version 0)
- [3D Model](#) (STEP, Version 0)

[List all Documents](#)

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)
- [Mating Products \(11\)](#)

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

#### Product Type Features:

- [Product Type](#) = Connector
- [Product Series](#) = HDP-20 (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](#) = Without
- Grade = Standard
- Color = Black
- Shell Material = Steel

#### Body Related Features:

- Number of Positions = 9
- Shell Plating = Tin
- Insert Material = Thermoplastic
- Insert Flammability Rating = UL 94V-0

#### Contact Related Features:

- [Preloaded](#) = No
- [Contact Size](#) = 20

#### Housing Related Features:

- Enclosure = Without
- Connector Style = Receptacle

#### 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
- Comment = Clinch Nut: 4-40 threads with self-locking feature; Receptacles accept size 20 DF socket contacts.