

749805-8 Product Details

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749805-8

TE Part Number: 749805-8

Active

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Standard Cable Connectors

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

Product Highlights:

- Cable Connector and Clamp
- Product Series = HDP-20 (Crimp Snap)
- Number of Positions = 15
- Shielded
- Plug

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Documentation & Additional Information

Product Drawings:

- [PLUG KIT, UNASSEMBLED, SIZE 2, 15 POSN, METAL SHELL,...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

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

Application Specifications:

- [HD-20 Precision Formed Contacts](#) (PDF, English)
- [AMPLIMITE HDP-20 & Econo Crimp Snap Subminiature D C...](#) (PDF, English)

Instruction Sheets:

- [AMPLIMITE Connector HD-20 Shielded Cable Clamp Kits](#) (PDF, English)
- [AMPLIMITE High Density \(HDP-20\) Connectors with Crim...](#) (PDF, English)
- [PRO-CRIMPER II Hand Tool Assembly 58448-2 With Die A...](#) (PDF, English)
- [AMP* INSERTION/EXTRACTION TOOL 91285-1 AND REPLACEME...](#) (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](#)

[List all Documents](#)

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

Product Type Features:

- [Product Type](#) = Cable Connector and Clamp
- [Product Series](#) = HDP-20 (Crimp Snap)
- Number of Positions = 15
- [Shielded](#) = Yes
- [Gender](#) = Plug
- [Wire Termination Type](#) = Crimp Snap
- [Mating Connector Lock](#) = With
- [Mating Connector Lock Type](#) = Mounting Holes
- [Shell Size](#) = 2
- [Shell Type](#) = Full Metal Shell
- [Grounding Indents](#) = With
- Grade = Standard
- Cable Clamp Type = One-Piece Quick Snap
- Grommets = With
- Screws and Retainer Clips = With
- Body Material = Polypropylene
- 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

Termination Related Features:

- [Solder Tail Contact Plating](#) = Tin over Nickel

Body Related Features:

- [Wire Range \(mm² \[AWG\]\)](#) = 0.2 - 0.56 [24-20]
- [Cable Insulation Diameter \(mm \[in\]\)](#) = 4.70 - 8.13 [0.185 - 0.320]
- Cable Exit Angle = Straight(180°)
- Shell Plating = Tin over Copper

Contact Related Features:

- [Contacts](#) = With
- [Contact Mating Area Plating Material](#) = Gold Flash
- [Contact Size](#) = 20
- Contact Material = Brass

Housing Related Features:

- Housing Material = Nylon, Polyester GF
- Housing Flammability Rating = UL 94V-0
- Housing Color = Black

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 Related Features:

- [Packaging Method](#) = Bulk
- Packaging Quantity = 100

Other:

- Brand = AMP

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