

## 749805-3 Product Details

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### 749805-3

TE Part Number: 749805-3

**Superseded**

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### Standard Cable Connectors

Not EU RoHS or ELV Compliant ([Find RoHS Compliant Alternates](#))

#### Product Highlights:

- Cable Connector and Clamp
- Product Series = HDP-20 (Crimp Snap)
- Number of Positions = 25
- Shielded
- Plug

[View all Features](#) | [Find Similar Products](#)

### Quick Links

- ▶ [Check Pricing & Availability](#)
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- ▶ [Product Feature Selector](#)
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### Documentation & Additional Information

#### Product Drawings:

- None Available

#### 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:

- 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](#) = Cable Connector and Clamp
- [Product Series](#) = HDP-20 (Crimp Snap)
- Number of Positions = 25
- [Shielded](#) = Yes
- [Gender](#) = Plug
- [Wire Termination Type](#) = Crimp Snap
- [Mating Connector Lock](#) = With
- [Mating Connector Lock Type](#) = Mounting Holes
- [Shell Size](#) = 3
- [Shell Type](#) = Front 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, Tin-Lead

#### Body Related Features:

- [Wire Range \(mm<sup>2</sup> \[AWG\]\)](#) = 0.15 - 0.40 [26-22]
- [Cable Insulation Diameter \(mm \[in\]\)](#) = 4.57 - 11.68 [0.180 - 0.460]
- Cable Exit Angle = Straight(180°)/120°
- Shell Plating = Tin over Copper

#### Contact Related Features:

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

#### Housing Related Features:

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

#### Industry Standards:

- [RoHS/ELV Compliance](#) = Not ELV/RoHS compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process

#### Packaging Related Features:

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

#### Other:

- Brand = AMP