Tyco Electronics

1658670-1 Product Details

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TE Internal Number: 1658670-1

✔ Active

📄 View 3D PDF

Standard Cable Connectors

🍃 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Contact
- Product Series = HDP-22 (Crimp Snap)
- Contact Type = Pin
- Brass Contact Base Material
- Crimp Termination Method to Wire/Cable

View all Features

Documentation & Additional Information

Product Drawings:
- PIN CONTACT, 22-28 AWG, 22 DF, AMPLIMITE (PDF, English)

Catalog Pages/Data Sheets:
- AMPLIMITE Subminiature D Connectors - Cable Connectors (PDF, English)

Product Specifications:
- Connector, AMPLIMITE HDP-22, Subminiature D, Removab... (PDF, English)
- Connector, AMPLIMITE HDP-22, Subminiature D, Removab... (PDF, Japanese)

Application Specifications:
- AMPLIMITE HDP-22 Connectors and High-Density 22DF Co... (PDF, English)

Instruction Sheets:
- AMPLIMITE HDP-22 Connectors (Plugs and Receptacles w... (PDF, English)
- Insertion/Extraction Tool 91285-1 and Replacement Ti... (PDF, English)

CAD Files: (CAD Format & Compression Information)
- 2D Drawing (DXF, Version C)
- 3D Model (IGES, Version C)
- 3D Model (STEP, Version C)

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 = Contact
- Product Series = HDP-22 (Crimp Snap)
- Termination Method to Wire/Cable = Crimp
- Wire Insulation Diameter (mm [in]) = 0.76 – 1.02 [0.030 – 0.040]
- Insulation Support = Yes
- Grade = Standard

Mechanical Attachment:
- Contact Retention in Housing = Crimp Snap-In

Termination Related Features:
- Solder Tail Contact Plating = Tin over Nickel
- Pin Diameter (mm [in]) = 0.76 [0.030]

Body Related Features:
- Wire Range (mm² [AWG]) = 0.08 - 0.40 [28-22]

Contact Related Features:
- Contact Type = Pin
- Contact Base Material = Brass
- Contact Plating, Mating Area, Material = Gold (30)
- Contact Size = 22

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 = Strip
- Packaging Quantity = 20,000/Reel

Other:
- Brand = AMP
- Comment = For Mini Applicator.