

66506-3 Product Details



66506-3

TE Internal Number: 66506-3

 [Active](#)

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Standard Cable Connectors

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

Product Highlights:

- Contact
- Product Series = HDP-20 (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, SIZE 20 DF, 20-24 AWG, AMPLIMITE](#) (PDF, English)

Catalog Pages/Data Sheets:

- [PRECISION PIN AND SOCKET CONTACTS](#) (PDF, English)
- [Signal Contacts](#) (PDF, English)
- [AMP Circular Connectors for Commercial Signal & Powe...](#) (PDF, English)
- [AMPLIMITE SUBMINIATURE D TYPE CONNECTORS](#) (PDF, English)
- [AMPLIMITE Subminiature D Connectors - Cable Connectors](#) (PDF, English)
- [PERSONAL SYSTEMS PRODUCTS](#) (PDF, English)
- [HTS Heavy Duty Connectors catalogue](#) (PDF, English)

Product Specifications:

- [Connector, AMPLIMITE* 2000, PCB Mounted, Nonremovabl...](#) (PDF, English)
- [AMPLIMITE* HDP-20 Subminiature D Connector With F Cr...](#) (PDF, English)
- [Connector, AMPLIMITE* 2000, PCB Mounted, Nonremovabl...](#) (PDF, Japanese)

Application Specifications:

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

Instruction Sheets:

- [AMPLIMITE High Density \(HDP-20\) Connectors with Crim...](#) (PDF, English)
- [PRO-CRIMPER III Hand Crimping Tool Assembly 58448-2 ...](#) (PDF, English)
- [Insertion/Extraction Tool 91285-1 and Replacement Ti...](#) (PDF, English)

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

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- [Product Type](#) = Contact
- [Product Series](#) = HDP-20 (Crimp Snap)
- [Termination Method to Wire/Cable](#) = Crimp
- [Wire Insulation Diameter \(mm \[in\]\)](#) = 1.27 - 1.52 [0.050 - 0.060]
- [Insulation Support](#) = Yes
- [Grade](#) = Standard

Mechanical Attachment:

- [Contact Retention in Housing](#) = Crimp Snap-In

Termination Related Features:

Contact Related Features:

- [Contact Type](#) = Pin
- [Contact Base Material](#) = Brass
- [Contact Plating, Mating Area, Material](#) = Gold Flash over Palladium Nickel or Gold (30) over Nickel
- [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

- [Solder Tail Contact Plating](#) = Gold Flash over Nickel
- Pin Diameter (mm [in]) = 1.02 [0.040]

Body Related Features:

- [Wire Range \(mm² \[AWG\]\)](#) = 0.2 - 0.6 [24-20]
- Used With = CPC Connectors, AMPLIMITE HDP-20

Packaging Related Features:

- [Packaging Method](#) = Strip

Other:

- Brand = AMP