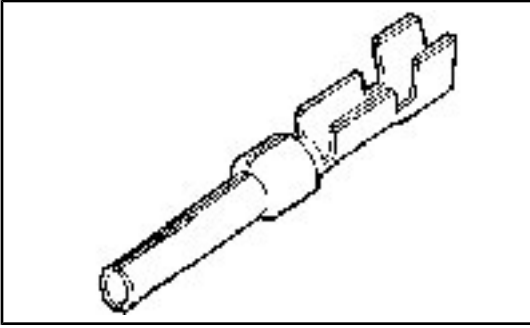


# 66504-9 Product Details

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**66504-9**

TE Internal Number: 66504-9



[Active](#)

## Standard Cable Connectors



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

### Product Highlights:

- Contact
- Product Series = HDP-20 (Crimp Snap)
- Socket
- Wire Termination Type = Crimp
- Wire Insulation Diameter = 1.27 - 1.52 mm

[View all Features](#)

## Documentation & Additional Information

### Product Drawings:

- [SOCKET 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)
- [CIRCULAR CONNECTORS FOR COMMERCIAL SIGNAL AND POWER ...](#) (PDF, English)
- [AMP Circular Connectors for Commercial Signal & Powe...](#) (PDF, English)
- [AMPLIMITE SUBMINATURE D TYPE CONNECTORS](#) (PDF, English)
- [AMPLIMITE Subminiature D Connectors - Cable Connectors](#) (PDF, English)
- [PERSONAL SYSTEMS PRODUCTS](#) (PDF, English)

### Product Specifications:

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

### Application Specifications:

- None Available

### Instruction Sheets:

- None Available

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

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

[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)
- [Pin/Socket](#) = Socket
- [Wire Termination Type](#) = 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:

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

### Body Related Features:

- [Wire Range \(mm<sup>2</sup> \[AWG\]\)](#) = 0.2 - 0.6 [24-20]
- Used With = CPC Connectors, AMPLIMITE HDP-20

### Contact Related Features:

- [Contact Mating Area Plating Material](#) = Gold Flash over Palladium Nickel or Gold (30) over Nickel
- [Contact Size](#) = 20
- Contact Base Material = Phosphor Bronze

### 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](#) = Loose Piece

### Other:

- Brand = AMP