

4-745287-7 ✓ ACTIVE

AMPLIMITE | AMPLIMITE HDP

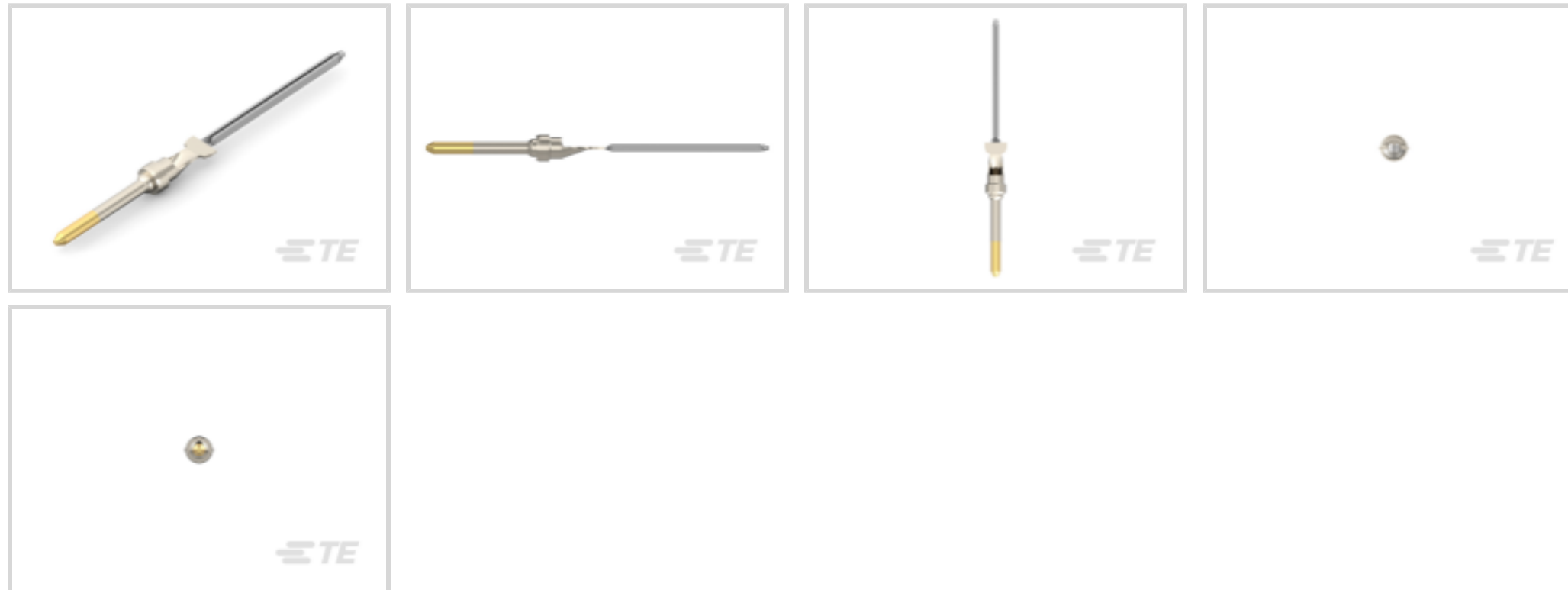
TE Internal #: 4-745287-7

AMPLIMITE HDP, D-Sub Connector Contacts, Pin, 20 D-Sub Contact Size, Brass, Gold, Solder, Cable-to-Board, Printed Circuit Board

[View on TE.com >](#)



Connectors > D-Shaped Connectors > D-Sub Connector Contacts



Contact Type: **Pin**

D-Sub Contact Size: **20**

Contact Base Material: **Brass**

Contact Mating Area Plating Material: **Gold**

Termination Method to Wire & Cable: **Solder**

## Features

### Product Type Features

Product Type	Contact
Grade	Standard
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

### Body Features

Post Size	.64 mm[.025 in]
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### Contact Features

	30 $\mu$ in
Pin Diameter	1.02 mm[.04 in]
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Type	Pin
D-Sub Contact Size	20
Contact Base Material	Brass



Contact Mating Area Plating Material	Gold
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Contact Current Rating (Max)	3.1 A
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#### Termination Features

Termination Post Length	10.85 mm[.427 in]
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Termination Method to Wire & Cable	Solder
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#### Mechanical Attachment

Contact Retention Type Within Housing	Snap-In
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Wire Insulation Support	Without
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#### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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#### Operation/Application

Circuit Application	Signal
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#### Packaging Features

Packaging Quantity	1000
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Packaging Method	Loose Piece
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### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2019 (197) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Wave solder capable to 265°C
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#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these


limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts



TE Part # CAT-035-DCPPS201  
D-Sub Crimp: Plug, Signal, 9 Posn, Pin Size 20, Shell Size 1

## Also in the Series | AMPLIMITE HDP



D-Sub Connector Contacts(6)



PCB D-Sub Connectors(88)

## Customers Also Bought



TE Part #1-206852-1  
CPC SERIES 2 POSTED



TE Part #103638-6  
07 MTE HDR SRST LATCH .100CL



TE Part #103638-9  
10 MTE HDR SRST LATCH .100CL



TE Part #103327-2  
02 MODII HDR SRST B/A .100CL



TE Part #1-103167-4  
34 MODII HDR DRRR SHRD .100CL



TE Part #1-103670-1  
12 MTE HDR SRST LATCH W/HLDWN



TE Part #2-103670-3  
24 MTE HDR SRST LATCH W/HLDWN



TE Part #DTS20F15-19PN  
D38999: Square Flange, 15-19 insert



TE Part #1-207534-0  
SKT HDR ASSY,36P,MMATE LF

## Documents

### Product Drawings

#### 20 DF PIN CONTACT DUPLEX/LP

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_4-745287-7\\_AE.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_4-745287-7\\_AE.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_4-745287-7\\_AE.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

#### AMPLIMITE Subminiature D Connectors - Cable Connectors

English

#### AMPLIMITE Cable Connectors and Shielding Hardware Kits QRG

English