

5-745287-0 ✓ ACTIVE

AMPLIMITE | AMPLIMITE HDP

TE Internal #: 5-745287-0

D-Sub Connector Contacts, Pin, Contact Size Size 20, Brass, Gold,
Solder, Printed Circuit Board, 3.1 A, Signal, AMPLIMITE HDP

[View on TE.com >](#)



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



Contact Type: **Pin**

Contact Size: **Size 20**

Contact Base Material: **Brass**

Contact Mating Area Plating Material: **Gold**

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

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
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Contact Features

Mating Pin Diameter	1.02 mm[.04 in]
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30 μ m

Contact Underplating Material	Nickel
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PCB Contact Termination Area Plating Material	Tin
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Contact Type	Pin
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Contact Size	Size 20
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Contact Base Material	Brass
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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 & Tail Length	16.54 mm[.651 in]
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Termination Method to Wire & Cable	Solder
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Mechanical Attachment

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

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
Packaging Method	Loose Piece

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

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

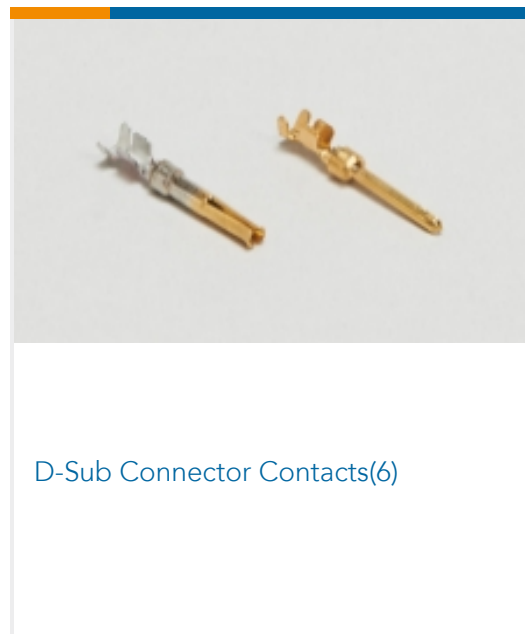


TE Part # 205204-9
CRIMP SNAP PLUG ASSY,SIZE 1



TE Part # 4-745287-7
20 DF PIN CONTACT DUPLEX/LP

Also in the Series | AMPLIMITE HDP



D-Sub Connector Contacts(6)



PCB D-Sub Connectors(83)

Customers Also Bought



TE Part #647402-4
04P SL156 HSG W/RMP&TABS,OVSZ



TE Part #1-2176460-2
SMF 7W 3K3 5% Taped



TE Part #66740-9
TYPE XII FEMALE CONT (STRIP)



TE Part #6-66461-3
SKT,.062 DIA,.025 SQ POST,LP



TE Part #51864-3
PIDG Ring Tongue Terminals



TE Part #66429-3
III+ PIN,30-26,15AU/FL,LP



TE Part #7-1419111-1
PT371024

Documents

Product Drawings

20 DF PIN CONTACT DUPLEX/LP

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_5-745287-0_AE.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-745287-0_AE.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-745287-0_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