



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Gold (Au)**
Contact Retention Type Within Housing: **Snap-In**
Contact Size: **Size 20**
Termination Method to Wire & Cable: **Solder**

Features

Contact Features

Contact Underplating Material	Nickel
Mating Pin Diameter	1.02 mm[.04 in]
PCB Contact Termination Area Plating Material	Tin
	30 µin
Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Contact Size	Size 20
Contact Base Material	Brass
Contact Current Rating (Max)	3.1 A

Termination Features

Termination Post & Tail Length	16.54 mm[.651 in]
Termination Method to Wire & Cable	Solder
Product Terminates To	Printed Circuit Board

Mechanical Attachment



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

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 Method	Loose Piece
Packaging Quantity	1000

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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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

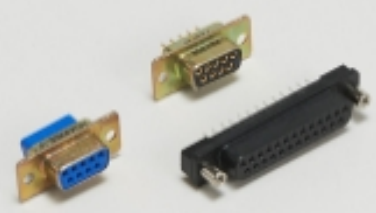


TE Part # 4-745287-7
20 DF PIN CONTACT DUPLEX/LP

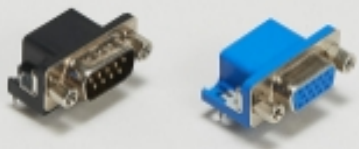
Also in the Series | **AMPLIMITE HDP**



Connector Contacts(6)



D-Shaped Connectors(65)



PCB D-Sub Connectors(65)

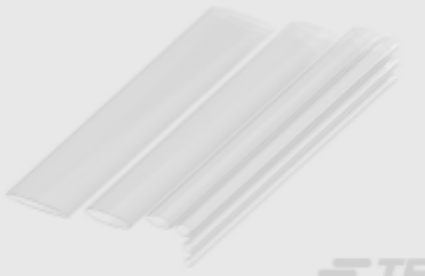
Customers Also Bought



TE Part #DT06-2S-P012
PLG, 2P, BLK, N, SEAL RET



TE Part #0600-00029
ANT,900MHZ,2.5DBI



TE Part #NB21814001
RNF-100-2-CL-SP



TE Part #6-66460-5
PIN,.062 DIA,.025 SQ POST,LP



TE Part #2-1676625-1
HSA25 2K0 5%



TE Part #4-1393104-7
KRPA-11DG-6=KRPA



TE Part #5-1625999-2
HSC100 R22 5%



TE Part #66100-8
III+ SKT,18-16,15AU/FL,STRIP



TE Part #2267473-4
SIZE 13 PERIPHERAL SEAL, CPC



TE Part #2267473-1
SIZE 11 PERIPHERAL SEAL, CPC



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