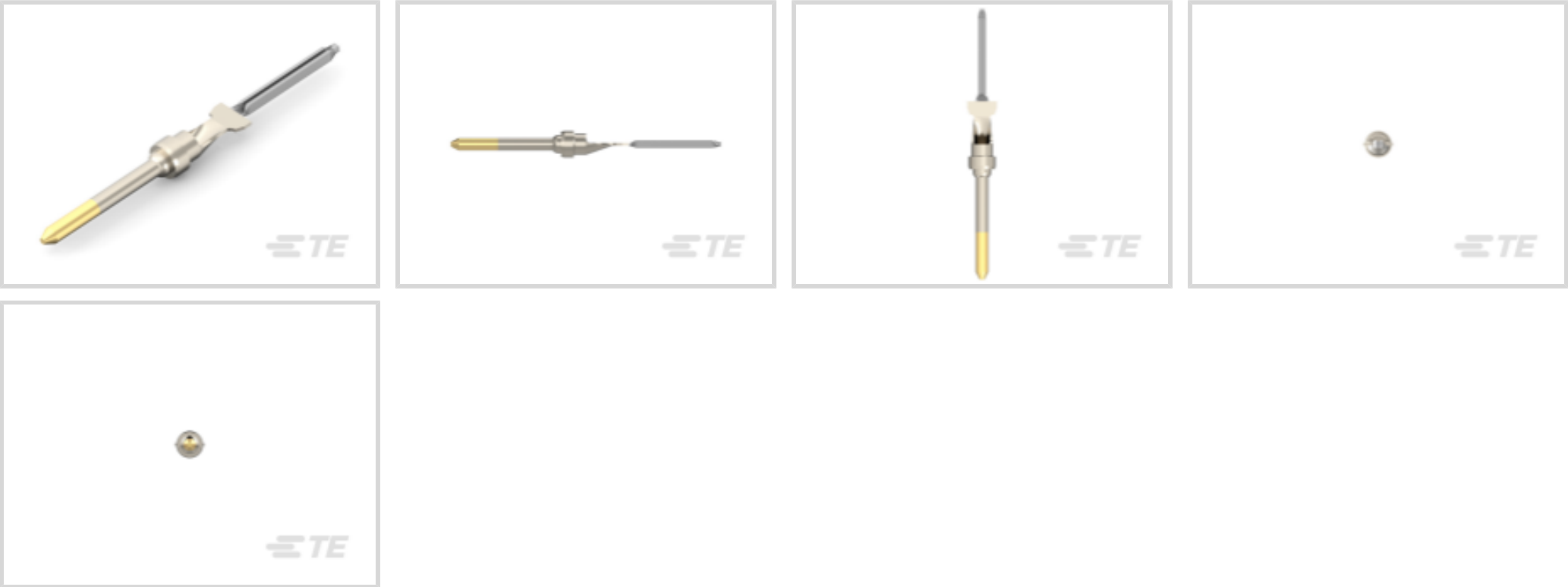




Connectors > Contacts > Connector Contacts



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

Features

Contact Features

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

Termination Features

Termination Post & Tail Length	4.78 mm[.188 in]
Termination Method to Wire & Cable	Solder
Product Terminates To	Printed Circuit Board

Mechanical Attachment

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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 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: JAN 2024 (240) Candidate List Declared Against: JUNE 2022 (224) 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	Reflow solder capable to 260°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 # 205206-3
CRIMP SNAP PLUG ASSY,SIZE 2

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

Also in the Series | **AMPLIMITE HDP**

Connector Contacts(6)

PCB D-Sub Connectors(83)

Customers Also Bought

TE Part # 208487-1
CMC RECEPTACLE ASSY,SIZE 22

TE Part # 5205736-7
15 RCPT SP/MS STD

TE Part # 1658641-1
HDP-20,PLUG,SIZE 5, 50 POSN

TE Part # 7-1393114-5
KUHP-11D17-24=KU

TE Part # 6-103166-0
24 MODII HDR DRRA SHRD LF

TE Part # 208497-1
CMC RECEPTACLE ASSY,SIZE 22

TE Part # 2-647123-8
08P MTA156 SHRD HDR ASSY SQ SN

TE Part # 4-641217-0
10P MTA156 CONN ASSY 18AWG ORA

TE Part # 4-641217-2
12P MTA156 CONN ASSY 18AWG ORA



Documents

Product Drawings

20 DF PIN CONTACT DUPLEX/LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-745287-4_AE.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-745287-4_AE.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-745287-4_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