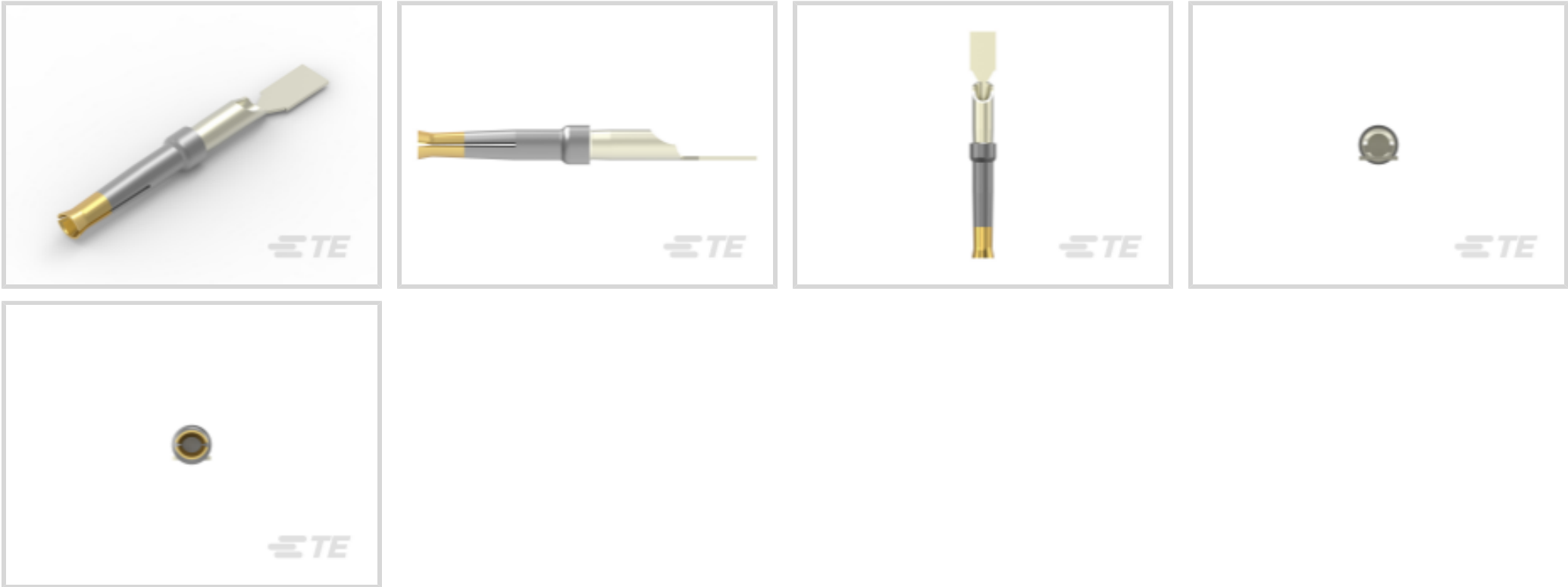




Connectors > Contacts > Connector Contacts > D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 20



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold (Au)**
Contact Retention Type Within Housing: **Snap-In**
Contact Size: **Size 20**
Wire Size: **18 AWG**

[All D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 20 \(51\)](#)

Features

Contact Features

Contact Underplating Material	Nickel
Mating Pin Diameter	1.02 mm
PCB Contact Termination Area Plating Material	Gold Flash
	30 μin
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Contact Size	Size 20
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3.1 A

Termination Features

Termination Post & Tail Diameter	2.16 mm
	.37 in
Termination Method to Wire & Cable	Solder



Product Terminates To	Wire & Cable
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Mechanical Attachment

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

Dimensions

Wire Size	.8 – .9 mm ²
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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 Method	Box, Loose Piece
Packaging Quantity	100

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: JAN 2025 (247) 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	Not applicable for solder process capability

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

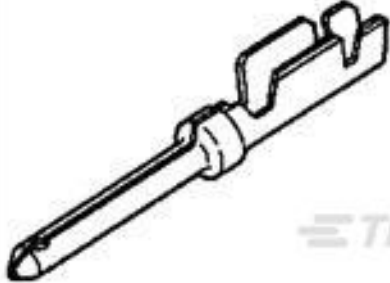


TE Part # 91285-1
INSERT/EXTRACT TOOL ASSEMBLY


Customers Also Bought




TE Part #206433-2
CPC RECPT ASSEMBLY SIZE 11-8



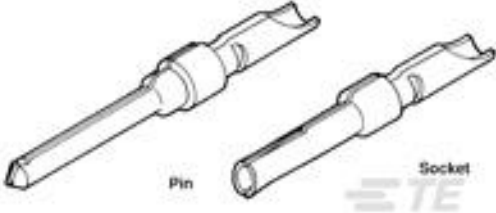
TE Part #1658670-2
PIN CONTACT, 22-28 AWG, 22 DF, AMPLIMITE




TE Part #5748677-1
PLTD PLST CBL CLMP KIT, SZ 1




TE Part #749805-8
KIT, HDP-20, PLUG, SIZE 2, 15 POS



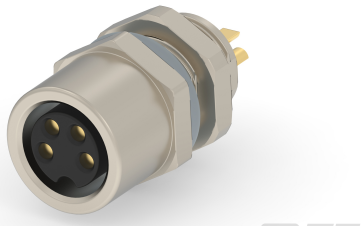
TE Part #66570-3
20DF PIN CONT. LP




TE Part #206434-1
CPC PLUG ASSEMBLY SIZE 11-8




TE Part #T4131012041-000
M12, REAR MOUNT, FEMALE, A, 4P, SOLDER WIRE



TE Part #T4033014041-000
M8, FMLE, PNLFRONT, 4POS, STR



TE Part #206485-1
CPC PLUG ASSEMBLY SIZE 11-9



TE Part #3-338313-2
9P, HDP20 REC. ASSY

Documents

Product Drawings
20 DF SOCKET CONT, SMALL PACK
English



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-66569-0_AD_c-1-66569-0-ad.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-66569-0_AD_c-1-66569-0-ad.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-66569-0_AD_c-1-66569-0-ad.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English