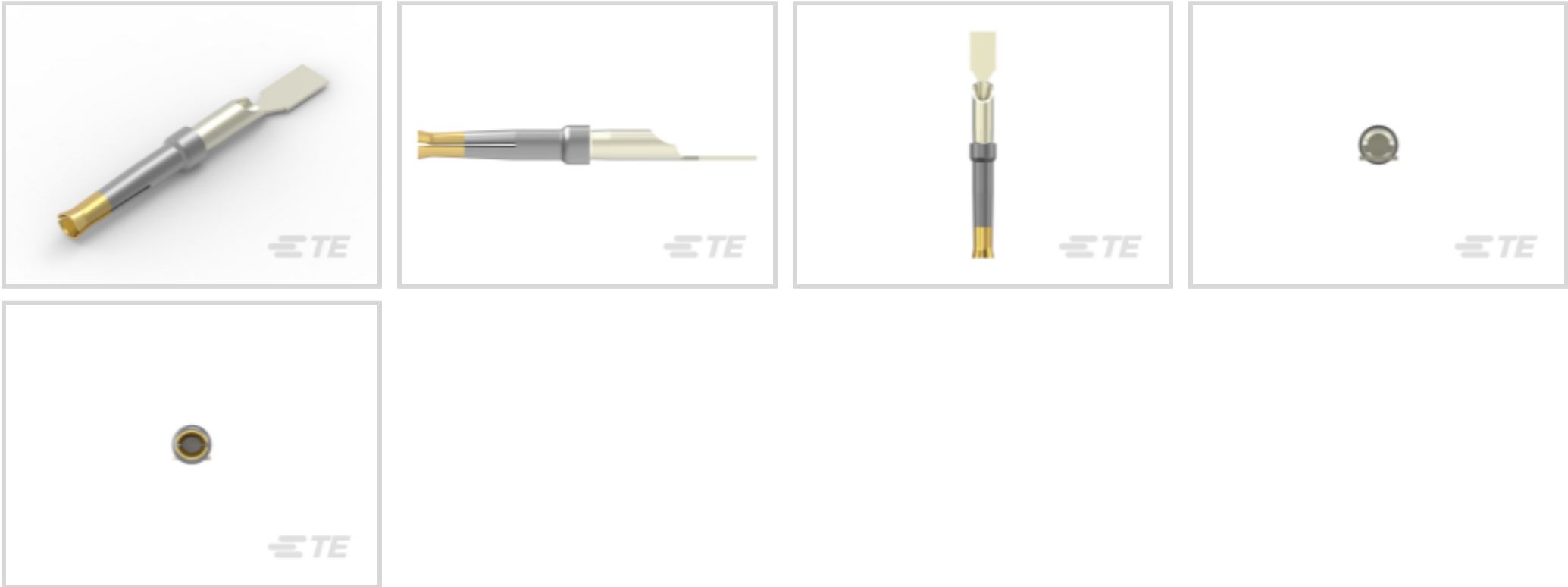




Connectors > Contacts > Connector Contacts > D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 20



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold**
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 \(56\)](#)

Features

Contact Features

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

Termination Features

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



Product Terminates To	Wire & Cable
Mechanical Attachment	
Wire Insulation Support	Without
Contact Retention Type Within Housing	Snap-In
Dimensions	
Wire Size	.8 - .9 mm ²
Usage Conditions	
Operating Temperature Range	-55 - 105 °C[-67 - 221 °F]
Operation/Application	
Circuit Application	Signal
Packaging Features	
Packaging Quantity	100
Packaging Method	Box, 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: JAN 2024 (240) 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 # 5745414-1
50 PLUG SP/MS STD

TE Part # 206433-1
CPC Connectors, Series 2

TE Part # 5745173-3
CABLE CLAMP KIT, SZ 3

TE Part # 1658620-4
20 NOVO MIL 15DP, LEAD FREE

TE Part # 1-160301-6
250 FASTON, REC., 10-12 AWG, TPBR

TE Part # 4-1393123-1
KHU-17D11-24=KH

TE Part # 5745175-3
CABLE CLAMP KIT, SZ 5

TE Part # 8-1625892-1
3W SM M/OX 5% 1R5

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

1-66569-0

Socket Contact, Gold, Snap-In Contact Retention, Size 20 Contact Size, 18 AWG Wire Size, .8 - .9 mm² Wire Size, Solder, Phosphor Bronze, Signal



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