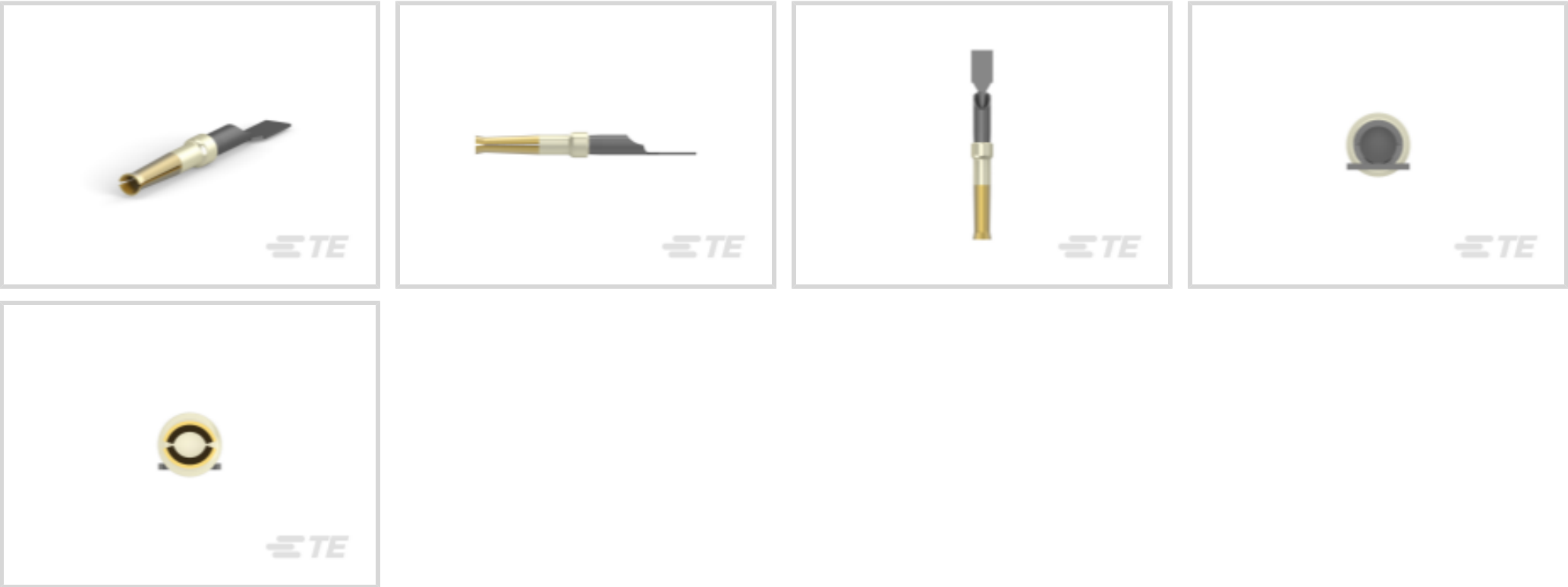




Connectors > Contacts > Connector Contacts > D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 20



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	Tin
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 mm²
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Signal
Packaging Features	
Packaging Quantity	10000
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 2024 (241) 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	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 #206038-1
CPC Connectors, Series 2

TE Part #1-66569-0
20 DF SOCKET CONT, SMALL PACK

TE Part #EM6974-000
X2-16.0-0-FSP-SM

TE Part #267522-000
22759/34-14-0

TE Part #1624322-3
UPW25 0.1% 5PPM 10K

TE Part #CT14253001
CL105-1X2X0.75-PIO-0CK5500

TE Part #1-2232980-3
03P MTA100 HDR ASSY SM 30AU W

Documents

Product Drawings
20DF SOCKET CONT. L.P.

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_66569-3_AD_c-66569-3-ad.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_66569-3_AD_c-66569-3-ad.3d_igs.zip



English

Customer View Model

ENG_CVM_CVM_66569-3_AD_c-66569-3-ad.3d_stp.zip

English

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

Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English

Signal Contacts

English

AMPLIMITE Subminiature D Connectors - Cable Connectors

English

AMPLIMITE Cable Connectors and Shielding Hardware Kits QRG

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English