



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



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold Flash**

Contact Retention Type Within Housing: **Snap-In**

Contact Size: **Size 20**

Wire Size: **24 – 20 AWG**

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

Features

Contact Features

	30 µin
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
Contact Mating Area Plating Material	Gold Flash
Contact Size	Size 20
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	2 A

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
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Contact Retention Type Within Housing	Snap-In
Dimensions	
Compatible Insulation Diameter Range	1.27 – 1.52 mm[.05 – .06 in]
Wire Size	.2 – .6 mm²
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Signal
Identification Marking	
Contact Color Code	Red
Packaging Features	
Packaging Method	Reel
Packaging Quantity	10000

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 # 2151496-2
OCEAN_2.0_APPLICATOR-S-055F062OA-RSA

TE Part # 91503-1
CCII AMPLIMITE 20 DF PIN SKT 28-20 ASSY

TE Part # 1579007-9
EXTRACTION TOOL

TE Part # 7-2151496-7
OCEAN_2.0_SPARE_PART_KIT-055F062O

TE Part # 5-2151496-2
OCEAN_2.0_APPLICATOR-S-055F062O-RSA

TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp

TE Part # 91285-1
INSERT/EXTRACT TOOL ASSEMBLY

TE Part # 5-2151496-1
OCEAN_2.0_APPLICATOR-S-055F062O-RSM

TE Part # 2151496-1
OCEAN_2.0_APPLICATOR-S-055F062O-RSM

Customers Also Bought

TE Part #1658539-2
PIN CONT DUPL PLT STRIP HD-20

TE Part #1-66100-9
III+ SKT,18-16,TIN ,STRIP

TE Part #2213738-4
4P HIGH TEMP SHROUDED EP HEADER ASSY

TE Part #3-2176343-0
CRGCQ 1206 2K7 1%



TE Part #CB5309-000
[SST-30-03/226](#)

TE Part #20009605-16
[FX29K0-040B-0010-L](#)

TE Part #1-206062-4
[CABLE CLAMP KIT #11](#)

TE Part #1-640507-0
[02P MR II CAP HSG](#)

TE Part #176297-1
[UNIV POWER CAP HSG 9P P/MOUNT](#)

TE Part #2176346-5
[CRGCQ 1210 4R7 5%](#)

Documents

Product Drawings

[CONT,SOCKET,PLATED,20DF,STRIP,#20-24](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1658537-5_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1658537-5_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1658537-5_D.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

1658537-5

Socket Contact, Gold Flash, Snap-In Contact Retention, Size 20 Contact Size, 24 – 20
AWG, .2 – .6 mm² Wire, Crimp, Phosphor Bronze, Signal

