



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: **24 – 20 AWG**

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

Features

Contact Features

	50 μin
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
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
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]
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Operation/Application

Circuit Application	Signal
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Identification Marking

Contact Color Code	Red
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Packaging Features

Packaging Method	Reel
Packaging Quantity	10000

Product Compliance

For compliance documentation, visit the product page on TE.com>

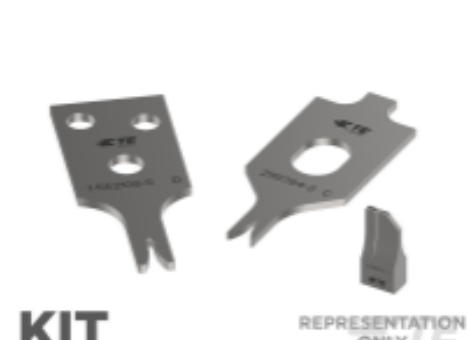
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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

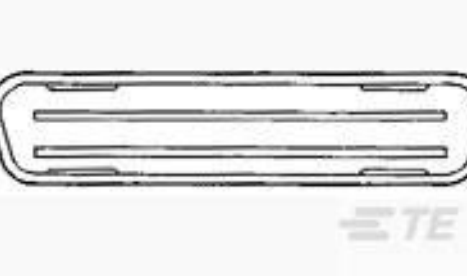
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2151496-1 OCEAN_2.0_APPLICATOR-S-055F062O-RSM	 TE Part # 2361497-1 SDE F PIN 32-20 ASSY	 TE Part # 2361497-2 SDE F PIN 32-20 DIE SET	 TE Part # 5-2151496-1 OCEAN_2.0_APPLICATOR-S-055F062O-RSM
 TE Part # 1579007-9 EXTRACTION TOOL	 TE Part # 91503-1 CCII AMPLIMITE 20 DF PIN SKT 28-20 ASSY	 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 # 2151496-2 OCEAN_2.0_APPLICATOR-S-055F062OA-RSA	

Customers Also Bought

 TE Part #34158 TERMINAL,PG R 16-14 6	 TE Part #66507-9 PIN CONTACT, 20 DF	 TE Part #229968-2 COVER, DUST, PLUG, BLUE, CHAMP	 TE Part #229969-2 COVER, DUST, RCPT, RED, CHAMP
 TE Part #329697 TERMINAL,PIDG RECT 12-10 6	 TE Part #552285-1 ASSY, PLUG, 64 POS, B SLOT	 TE Part #552315-1 ASSY, RCPT, 64 POS, B SLOT	 TE Part #552496-1 90 DEG COVER KIT-64 POS BLK



TE Part #640909-1
[RECEPT,PIDG FASTON 22-18 205](#)



TE Part #5229911-1
[SCREW,PAN HD,"CHAMP PACKAGING](#)

Documents

Product Drawings

[SOCKET CONTACT,20DF,PLATED](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_66504-2_CN_c-66504-2-cn.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66504-2_CN_c-66504-2-cn.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66504-2_CN_c-66504-2-cn.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

[Application Specification](#)

English

Instruction Sheets

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

English

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

English