



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 Size: **Size 20**

Wire Size: **.2 – .6 mm²**

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

Features

Contact Features

|                                      |                  |
|--------------------------------------|------------------|
| Contact Type                         | Socket           |
| Contact Mating Area Plating Material | Gold (Au)        |
| Contact Size                         | Size 20          |
| Contact Base Material                | Copper Tin Alloy |
| Contact Current Rating (Max)         | 2 A              |

Termination Features

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

Dimensions

|           |             |
|-----------|-------------|
| 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 |
|--------------------|-----|

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)<br>Candidate List Declared Against: JAN 2025 (247)<br>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 # 206226-1  
CPC PLUG ASSEMBLY SIZE 23-7



TE Part # 206136-1  
CPC PLUG ASSEMBLY SIZE 23-7



TE Part # 206126-1  
CPC PLUG ASSEMBLY SIZE 17-28



TE Part # 91285-1  
INSERT/EXTRACT TOOL ASSEMBLY





REPRESENTATION ONLY. DIE SET MAY VARY.

TE Part # 2361497-1  
SDE F PIN 32-20 ASSY



TE Part # 205838-1  
CPC PLUG ASSEMBLY SIZE 11-8



TE Part # 2361497-2  
SDE F PIN 32-20 DIE SET



TE Part # 206039-1  
CPC PLUG ASSEMBLY SIZE 17-28



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



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



TE Part # 1579007-9  
EXTRACTION TOOL



TE Part # 206426-1  
CPC PLUG ASSEMBLY SIZE 17-3



TE Part # 206437-1  
CPC PLUG ASSEMBLY SIZE 23-57



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

Also in the Series | Circular Plastic Connectors Series 2



Circular Power Connectors(36)

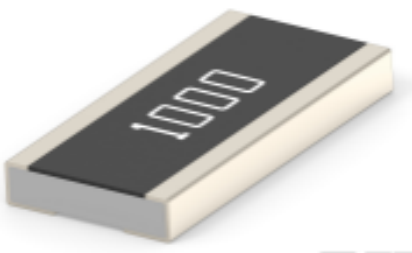


Connector Contacts(52)

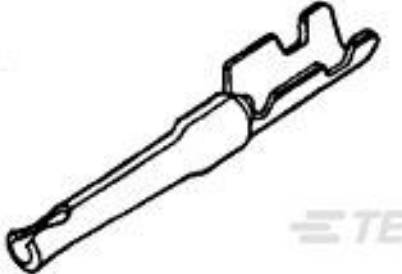
Customers Also Bought



TE Part #205205-2  
CRIMP SNAP RCPT ASSY,SIZE 2



TE Part #1-2176563-5  
3430 H2 1% 47K 100ppm 1k RL



TE Part #1658686-2  
SOCKET CONT, 22-28 AWG, DF 22, AMPLIMITE



TE Part #205839-3  
CPC PLUG ASSEMBLY SIZE 17-28



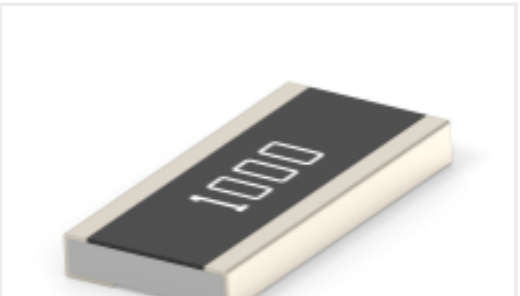
TE Part #206039-1  
CPC PLUG ASSEMBLY SIZE 17-28



TE Part #206038-1  
CPC RECPT ASSEMBLY SIZE 17-28



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



TE Part #9-2176562-8  
3430 H2 1% 10K 100ppm 1k RL



TE Part #2176563-7  
3430 H2 1% 22K 100ppm 1k RL



TE Part #205838-1  
CPC PLUG ASSEMBLY SIZE 11-8

Documents

Product Drawings

SOCKET CONTACT, 20 DF

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_66504-9\_CN\_c-66504-9-cn.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_66504-9\_CN\_c-66504-9-cn.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_66504-9\_CN\_c-66504-9-cn.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