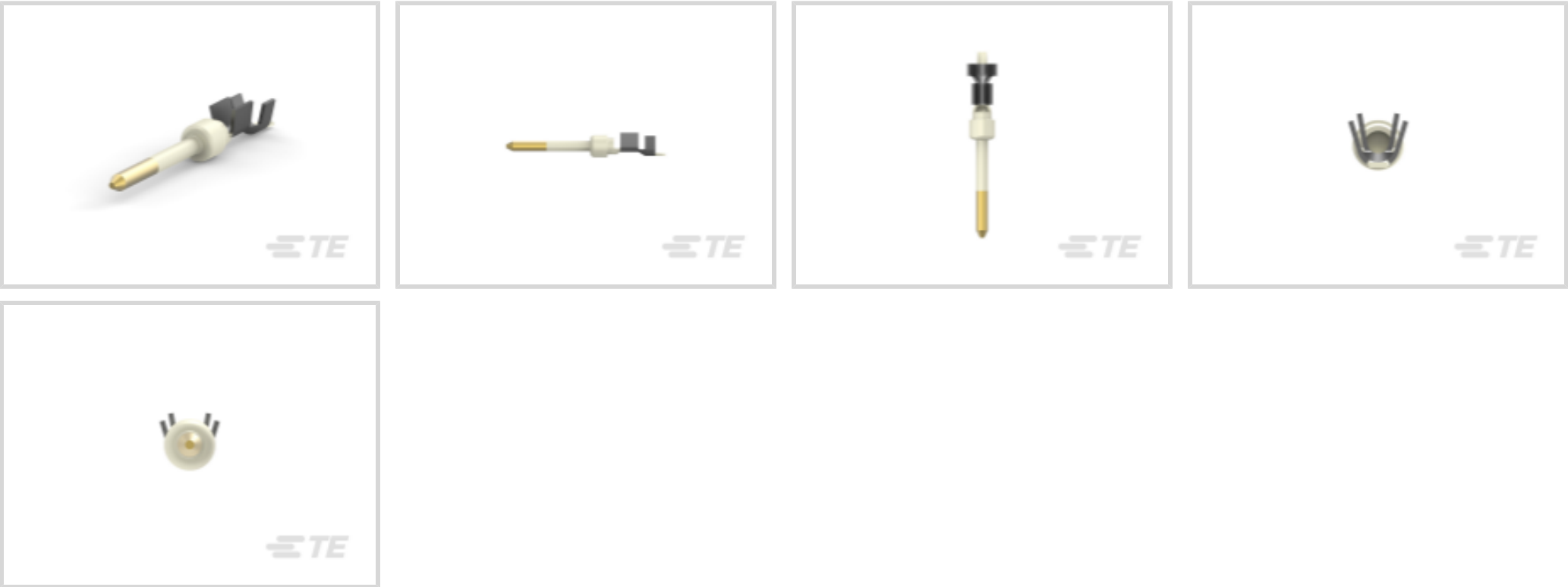




Connectors > Contacts > Connector Contacts > D-Sub Connector Contacts: Pin, Brass, Signal, Size 20



Contact Type: **Pin**

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

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

Contact Size: **Size 20**

Wire Size: **28 – 24 AWG**

[All D-Sub Connector Contacts: Pin, Brass, Signal, Size 20 \(45\)](#)

Features

Contact Features

|                                               |                 |
|-----------------------------------------------|-----------------|
| Contact Underplating Material                 | Nickel          |
| Mating Pin Diameter                           | 1.02 mm[.04 in] |
| PCB Contact Termination Area Plating Material | Tin             |
|                                               | 100 µin         |
| Contact Type                                  | Pin             |
| Contact Mating Area Plating Material          | Gold Flash      |
| Contact Size                                  | Size 20         |
| Contact Base Material                         | Brass           |
| Contact Current Rating (Max)                  | 1.2 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                            | .08 – .2 mm <sup>2</sup>     |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Identification Marking

|                    |       |
|--------------------|-------|
| Contact Color Code | Black |
|--------------------|-------|

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)<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

|                                                                                                                                               |                                                                                                                                                         |                                                                                                                                                          |                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 206426-1<br/>CPC PLUG ASSEMBLY SIZE 17-3</p>   |  <p>TE Part # 206437-1<br/>CPC PLUG ASSEMBLY SIZE 23-57</p>            |  <p>TE Part # 206485-1<br/>CPC PLUG ASSEMBLY SIZE 11-9</p>            |  <p>TE Part # 206039-1<br/>CPC PLUG ASSEMBLY SIZE 17-28</p>  |
|  <p>TE Part # 206434-1<br/>CPC PLUG ASSEMBLY SIZE 11-8</p> |  <p>TE Part # 2837445-2<br/>OCEAN_2.0_Applicator-S-042F062OA-RSA</p> |  <p>TE Part # 7-2837445-7<br/>OCEAN_2.0_SPARE_PART_KIT-042F062O</p> |  <p>TE Part # 205838-1<br/>CPC PLUG ASSEMBLY SIZE 11-8</p> |
|  <p>TE Part # 206226-1<br/>CPC PLUG ASSEMBLY SIZE 23-7</p> |  <p>TE Part # 206136-1<br/>CPC PLUG ASSEMBLY SIZE 23-7</p>           |  <p>TE Part # 206126-1<br/>CPC PLUG ASSEMBLY SIZE 17-28</p>         |                                                                                                                                                 |

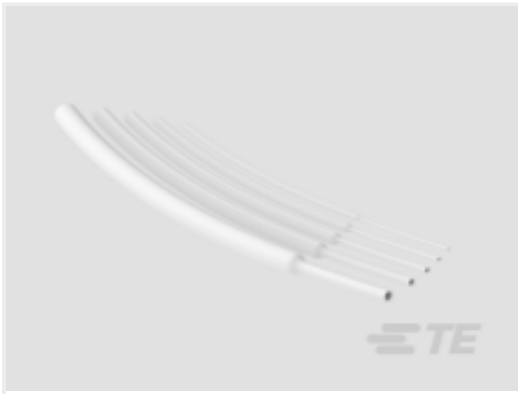
Also in the Series | Circular Plastic Connectors Series 2

|                                                                                                                          |                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
|  <p>Circular Power Connectors(36)</p> |  <p>Connector Contacts(52)</p> |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|

Customers Also Bought



TE Part #350078-1  
[CMNL SOK 30-22 PTPBR](#)



TE Part #NB15574001  
[RNF-100-3/64-WH-SP](#)



TE Part #2-36151-2  
[PIDG R 22-16 COMM 22-18MIL 6](#)



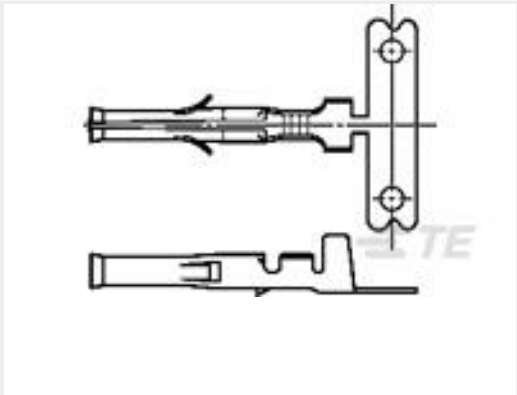
TE Part #1658685-1  
[HDP-22,RCPT,SIZE 5,78 POSN](#)



TE Part #745254-2  
[20DF PIN CONTACT,PLATED](#)



TE Part #NB14882001  
[DWP-125-1/8-0-STK](#)



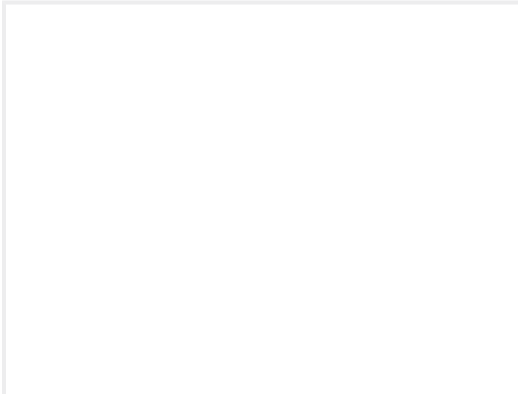
TE Part #640392-1  
[.062 COMM P&S SOK 24-30 PTPBR](#)



TE Part #CF2751-000  
[CGPE-105-1/16-2-0.375IN](#)



TE Part #CF2752-000  
[CGPE-105-1/16-6-0.375IN](#)



TE Part #690501-4  
[CAM, TERMINAL FEED](#)

Documents

**Product Drawings**  
[CONT,PIN,PLATED,20DF,STRIP,#24-28](#)  
English

**CAD Files**  
[3D PDF](#)  
3D  
**Customer View Model**  
[ENG\\_CVM\\_CVM\\_5066682-6\\_B.2d\\_dxf.zip](#)  
English  
**Customer View Model**  
[ENG\\_CVM\\_CVM\\_5066682-6\\_B.3d\\_igs.zip](#)  
English  
**Customer View Model**  
[ENG\\_CVM\\_CVM\\_5066682-6\\_B.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

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English