



Connectors > Contacts > Connector Contacts > D-Sub Conn Contacts: Socket, CuSn4, Square Posted, Signal, Size 20



Contact Type: **Socket**  
Contact Mating Area Plating Material: **Gold (Au)**  
Contact Size: **Size 20**  
Contact Base Material: **Phosphor Bronze**  
Product Terminates To: **Printed Circuit Board**

[All D-Sub Conn Contacts: Socket, CuSn4, Square Posted, Signal, Size 20 \(4\)](#)

Features

Contact Features

|                                               |                 |
|-----------------------------------------------|-----------------|
| Contact Underplating Material                 | Nickel          |
| PCB Contact Termination Area Plating Material | Tin             |
|                                               | 30 µin          |
| Contact Type                                  | Socket          |
| Contact Mating Area Plating Material          | Gold (Au)       |
| Contact Size                                  | Size 20         |
| Contact Base Material                         | Phosphor Bronze |
| Contact Current Rating (Max)                  | 3.1 A           |

Termination Features

|                                |                       |
|--------------------------------|-----------------------|
| Termination Method to PCB      | Through Hole - Solder |
| Termination Post & Tail Length | 16.54 mm[.651 in]     |
| Product Terminates To          | Printed Circuit Board |

Mechanical Attachment



|                         |         |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|

Usage Conditions

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

Operation/Application

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

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Method   | Loose Piece |
| Packaging Quantity | 1000        |

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                     | Wave solder capable to 265°C                                                                                                  |

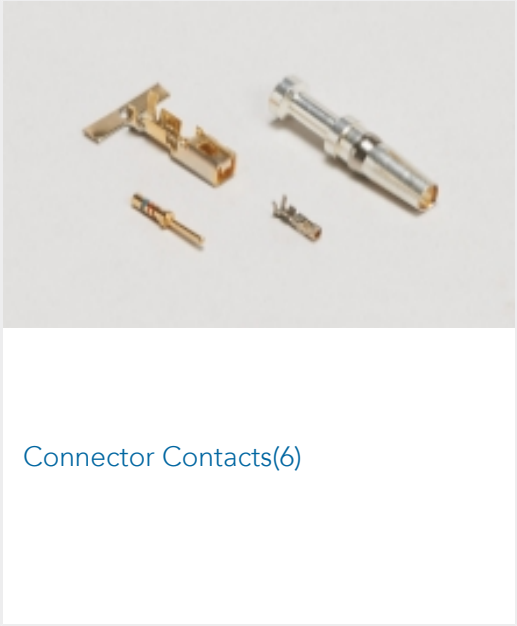
Product Compliance Disclaimer

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>

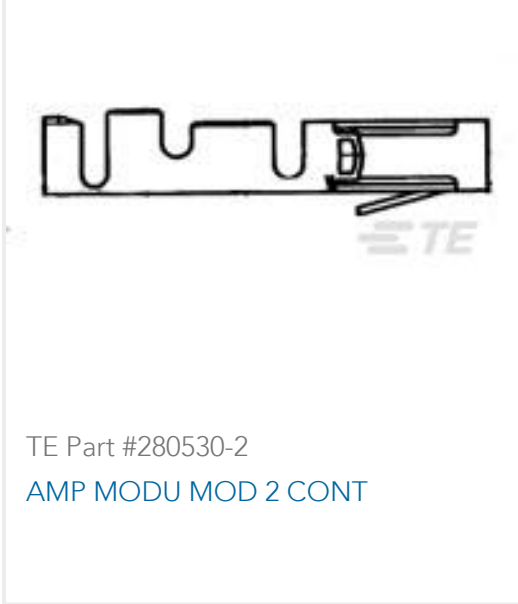
Compatible Parts



Also in the Series | **AMPLIMITE HDP**



Customers Also Bought





Documents

Product Drawings

20 DF SKT CONTACT DUPLEX/LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_6-745288-1\_AP.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_6-745288-1\_AP.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_6-745288-1\_AP.3d\_stp.zip

English

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

Datasheets & Catalog Pages

AMPLIMITE Subminiature D Connectors - Cable Connectors

English

AMPLIMITE Cable Connectors and Shielding Hardware Kits QRG

English