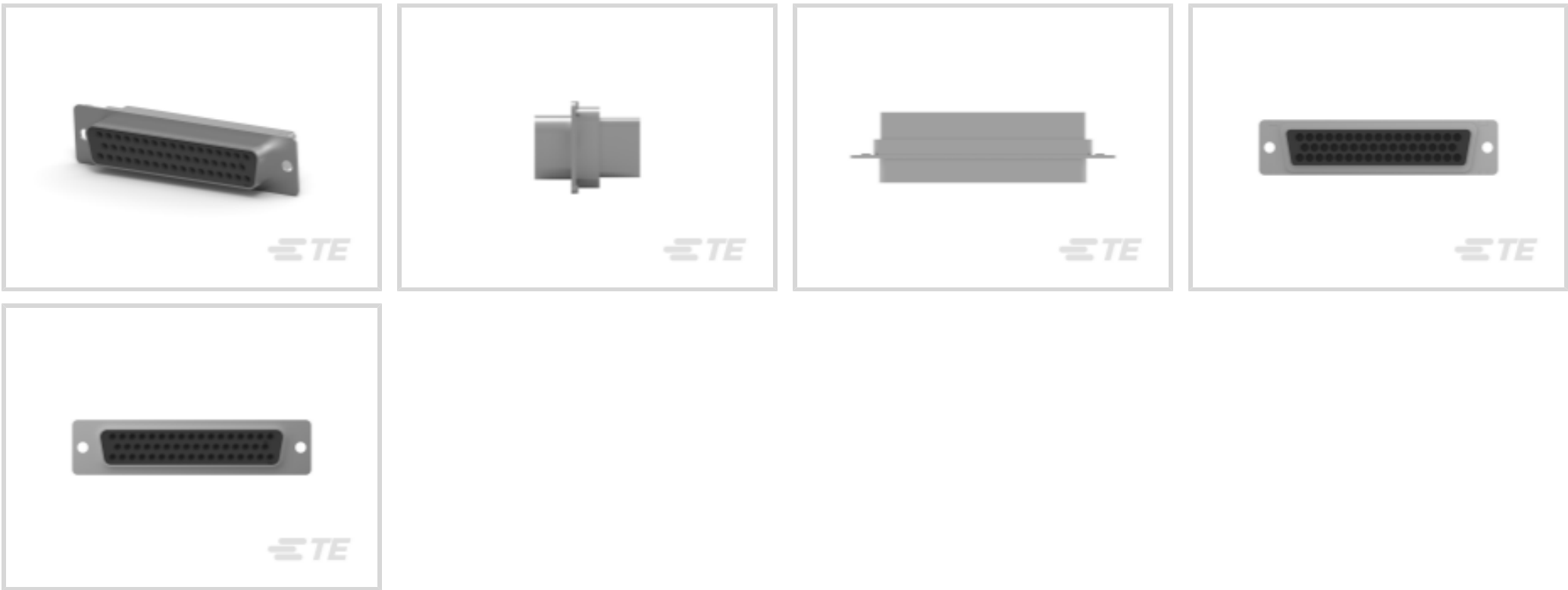




Connectors > D-Shaped Connectors > D-Sub Connectors > Crimp D-Sub Connectors >

D-Sub Crimp Recpt Signal 50 Posn, Socket Size 20, Shell Size 5



Connector & Housing Type: **Receptacle**

Connector System: **Cable-to-Cable**

Number of Positions: **50**

Contact Size: **Size 20**

Connector Shell Size: **5**

[All D-Sub Crimp Recpt Signal 50 Posn, Socket Size 20, Shell Size 5 \(6\)](#)

Features

Product Type Features

|                                   |                  |
|-----------------------------------|------------------|
| Shell Material Configuration      | Full Metal Shell |
| Connector & Contact Terminates To | Wire & Cable     |
| Connector & Housing Type          | Receptacle       |
| Connector System                  | Cable-to-Cable   |
| Connector Shell Size              | 5                |
| Sealable                          | No               |

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 50 |
|---------------------|----|

Body Features

|                         |                    |
|-------------------------|--------------------|
| Insert Material         | Glass-Filled Nylon |
| Shield Plating Material | Steel              |
| Shell Plating Material  | Tin                |



|                                                                 |                                                     |
|-----------------------------------------------------------------|-----------------------------------------------------|
| Primary Product Color                                           | Black                                               |
| Contact Features                                                |                                                     |
| Contact Options                                                 | Order Separately                                    |
| Contact Size                                                    | Size 20                                             |
| Mechanical Attachment                                           |                                                     |
| Mating Retention                                                | With                                                |
| Mating Retention Type                                           | Mounting Holes                                      |
| Housing Features                                                |                                                     |
| Shell Material                                                  | Steel                                               |
| Housing Material                                                | Nylon GF, Polyester GF                              |
| Centerline (Pitch)                                              | 2.74 mm, 2.76 mm, 2.79 mm[.108 in][.109 in][.11 in] |
| Dimensions                                                      |                                                     |
| Compatible Insulation Diameter Range                            | 4.58 - 11.68 mm                                     |
| Wire Size                                                       | .2 - .56 mm <sup>2</sup>                            |
| Usage Conditions                                                |                                                     |
| Operating Temperature Range                                     | -55 - 105 °C[-67 - 221 °F]                          |
| Operation/Application                                           |                                                     |
| Circuit Application                                             | Signal                                              |
| Shielded                                                        | Yes                                                 |
| Industry Standards                                              |                                                     |
| UL Flammability Rating                                          | UL 94V-0                                            |
| Packaging Features                                              |                                                     |
| Packaging Quantity                                              | 225                                                 |
| Packaging Method                                                | Package                                             |
| 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 2024  
(240)  
Candidate List Declared Against: JAN 2024  
(240)  
Does not contain REACH SVHC

|                           |                                                |
|---------------------------|------------------------------------------------|
| Halogen Content           | Not Low Halogen - contains Br or Cl > 900 ppm. |
| 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 # CAT-035-DCPPS205  
D-Sub Crimp: Plug, Signal, 50 Posn, Pin Size 20, Shell Size 5

TE Part # CAT-035-DCRSS205  
D-Sub Crimp Recpt Signal 50 Posn, Socket Size 20, Shell Size 5

TE Part # 5748676-5  
DIE CAST CBL CLMP KIT,SZ 5

TE Part # 1-5207908-3  
KIT S/R SCREW RET 90/180 DEG

TE Part # 206509-1  
SIZE 20 KEYING PLUG

Customers Also Bought



TE Part # 207464-7  
HDP-20, PLUG, SIZE 3, 25 POSN

TE Part # 1658641-3  
D-Sub Crimp: Plug, Signal, 50 Posn, Pin Size 20, Shell Size 5

TE Part # 554103-1  
PLUG ASSY, 24 POSN, PNL MTG, L PF

TE Part # 1-2308272-7  
CABLE CLAMP7 (CASE RAW)

TE Part # 5205732-1  
CLAMSHELL ASSEMBLY, SIZE 5

TE Part # 1658685-1  
HDP-22, RCPT, SIZE 5, 78 POSN

TE Part # F43936-000  
B-155-3811

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

Documents

Product Drawings

HDP-20, RCPT, SIZE 5, 50 POSN

English

CAD Files

Customer View Model

ENG\_CVM\_1658640-1\_C.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_1658640-1\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_1658640-1\_C.3d\_igs.zip

English

3D PDF

3D

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

Product Specifications

Application Specification

English



Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

CSA Certificate

English