



Connectors > D-Shaped Connectors



Number of Positions: 25

Connector & Housing Type: Plug

Connector System: Cable-to-Cable

Connector Mounting Type: Cable Mount (Free-Hanging)

Connector Shell Size: 3

Features

Product Type Features

|                                   |                   |
|-----------------------------------|-------------------|
| Ground Feature Type               | Grounding Indents |
| Connector Product Type            | Connector Kit     |
| Shell Material Configuration      | Front Metal Shell |
| Connector & Housing Type          | Plug              |
| Connector System                  | Cable-to-Cable    |
| Connector Shell Size              | 3                 |
| Connector & Contact Terminates To | Wire & Cable      |

Configuration Features

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| Compatible With Wire & Cable Type | Discrete Wire, Round Jacketed Cable |
| Number of Rows                    | 2                                   |
| Number of Positions               | 25                                  |

Body Features

|                         |               |
|-------------------------|---------------|
| Shield Plating Material | Tin           |
| Insert Material         | Thermoplastic |
| Shield Material         | Steel         |



|                                   |            |
|-----------------------------------|------------|
| Shell Plating Material            | Tin        |
| Cable Exit Angle                  | 180°       |
| Mating Retention Feature Material | Zinc Alloy |

Contact Features

|                                                |                 |
|------------------------------------------------|-----------------|
| Contact Underplating Material                  | Nickel          |
| Contact Size                                   | Size 20         |
| Wire Contact Termination Area Plating Material | Tin             |
| Contact Mating Area Plating Material Thickness | .76 µm[30 µin]  |
| Contact Mating Area Plating Material           | Gold (Au)       |
| Contact Base Material                          | Phosphor Bronze |
| Contact Type                                   | Pin             |
| Contact Current Rating (Max)                   | 5 A             |
| Contact Options                                | Installed       |

Termination Features

|                                    |                               |
|------------------------------------|-------------------------------|
| Termination Method to Wire & Cable | Insulation Displacement (IDC) |
|------------------------------------|-------------------------------|

Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Mating Retention Type   | Jackscrew                  |
| Thread Size             | 4-40                       |
| Mating Retention        | With                       |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

|                    |                  |
|--------------------|------------------|
| Shell Material     | Steel            |
| Centerline (Pitch) | 2.77 mm[.109 in] |

Dimensions

|                                         |                                 |
|-----------------------------------------|---------------------------------|
| Accepts Cable Insulation Diameter Range | 5.51 – 11.05 mm[.217 – .435 in] |
| Compatible Insulation Diameter Range    | 1.52 mm[.06 in]                 |
| Solid Wire Size                         | .13 – .32 mm²                   |
| Accepts Cable Diameter (Max)            | 11.05 mm[.435 in]               |
| Wire Size                               | 26 – 22 AWG                     |

Usage Conditions

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

Operation/Application



|                     |        |
|---------------------|--------|
| Shielded            | Yes    |
| Circuit Application | Signal |

Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Quantity | 1       |
| 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 2025 (247)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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>

Also in the Series | **AMPLIMITE HDE**

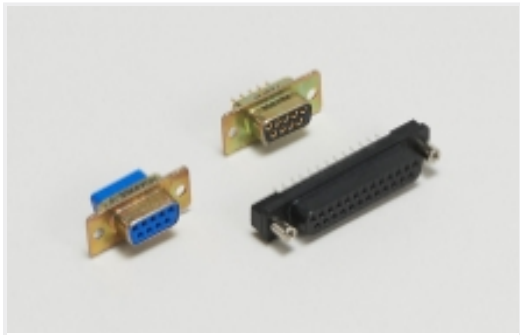




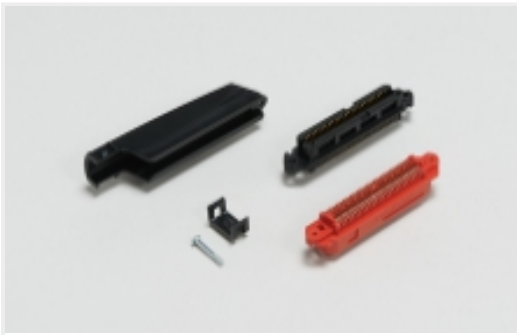
Connector Contacts(13)



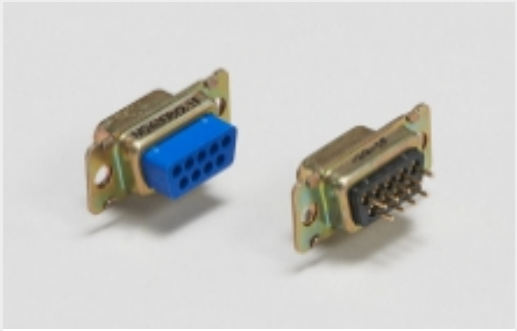
Crimp D-Sub Connectors(1)



D-Shaped Connectors(57)

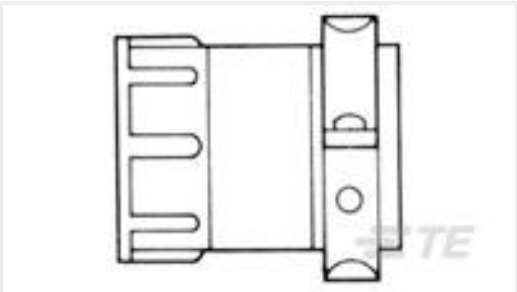


IDC D-Sub Connectors(56)



Panel Mount D-Sub Connectors(8)

Customers Also Bought



TE Part #206512-5  
CLAMP,CABLE SHELL,SIZE 23



TE Part #1-206062-6  
CABLE CLAMP KIT #11



TE Part #1-747944-6  
KIT,PLUG,9P,HDE,SHLD ENCLSRE



TE Part #206061-1  
RECPT, SZ 11-4, CPC



TE Part #1546413-3  
ETHERNET RJ-45 BLKHD PASSTHRU



TE Part #625159-000  
D-110-35

Documents

Product Drawings  
KIT,PLUG,25P,HDE,SHLD ENCLSRE  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_1-747948-6\_N\_c-1-747948-6-n.2d\_dxf.zip



English  
Customer View Model  
[ENG\\_CVM\\_CVM\\_1-747948-6\\_N\\_c-1-747948-6-n.3d\\_igs.zip](#)

English  
Customer View Model  
[ENG\\_CVM\\_CVM\\_1-747948-6\\_N\\_c-1-747948-6-n.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

Product Specifications  
[Application Specification](#)

English  
[Application Specification](#)  
English

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

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

Agency Approvals  
[UL Report](#)

English