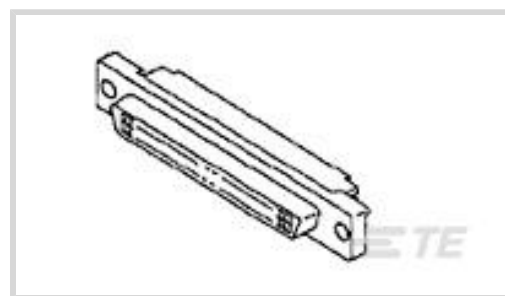




Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors > IDC D-Sub: Receptacle Assembly, Panel Mount, Signal, 1.27 mm



Connector & Housing Type: **Receptacle**

Solid Wire Size: .05 – .1 mm<sup>2</sup>

Shielded: **No**

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

[All IDC D-Sub: Receptacle Assembly, Panel Mount, Signal, 1.27 mm \(11\)](#)

## Features

### Industry Standards

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

### Termination Features

|                                    |                               |
|------------------------------------|-------------------------------|
| Termination Cover Method           | Assembled                     |
| Termination Cover Type             | Non Lacing                    |
| Termination Cover                  | With                          |
| Termination Method to Wire & Cable | Insulation Displacement (IDC) |

### Body Features

|                                 |                    |
|---------------------------------|--------------------|
| Cover Material                  | Thermoplastic      |
| Shell Plating Material          | Nickel over Copper |
| Ribbon Cable Centerline Spacing | .64 mm[.025 in]    |
| Primary Product Color           | Black              |

### Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 10   |
| Packaging Method   | Tube |

### Mechanical Attachment

|                                   |                    |
|-----------------------------------|--------------------|
| Mating Retention Type             | Latch Blocks       |
| Thread Size                       | 4-40 UNC           |
| Mounting Feature Plating Material | Nickel over Copper |

|                           |             |
|---------------------------|-------------|
| Mounting Feature Material | Zinc        |
| Mating Retention          | With        |
| Connector Mounting Type   | Panel Mount |

### Contact Features

|  |                    |
|--|--------------------|
| Contact Underplating Material                  | Palladium Nickel   |
|  | 30 µin             |
| Wire Contact Termination Area Plating Material | Tin-Lead           |
| Contact Mating Area Plating Material           | Gold or Gold Flash |
| Contact Base Material                          | Phosphor Bronze    |
| Contact Current Rating (Max)                   | 1 A                |

### Housing Features

|                    |                 |
|--------------------|-----------------|
| Housing Material   | Thermoplastic   |
| Shell Material     | Steel           |
| Centerline (Pitch) | 1.27 mm[.05 in] |

### Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
| Shielded            | No     |

### Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | .74 – .91 mm[.029 – .036 in] |
| Compatible Insulation Diameter (Max) | .91 mm                       |
| Solid Wire Size                      | .05 – .1 mm <sup>2</sup>     |
| Wire Size                            | 30 – 28 AWG                  |

### Product Type Features

|                                   |                    |
|-----------------------------------|--------------------|
| Connector & Housing Type          | Receptacle         |
| Connector System                  | Cable-to-Panel     |
| Connector Product Type            | Connector Assembly |
| Connector & Contact Terminates To | Wire & Cable       |

### Configuration Features

|                                   |   |
|-----------------------------------|---|
| Number of Positions               | 50                                      |
| Number of Rows                    | 2                                       |
| Compatible With Wire & Cable Type | Flat Ribbon Cable, Round Jacketed Cable |

### Usage Conditions

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

### Other

|                    |                           |
|--------------------|---------------------------|
| EU RoHS Compliance | Not Compliant             |
| EU ELV Compliance  | Compliant with Exemptions |

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

|   |  |
|---|--|
| EU RoHS Directive 2011/65/EU                  | Not Compliant  |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions  |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | <p>Current ECHA Candidate List: JUNE 2024 (241)</p> <p>Candidate List Declared Against: JUL 2021 (219)</p> <p>SVHC &gt; Threshold:<br/>Pb (13% in Component Part)</p> <p><b>Article Safe Usage Statements:</b><br/>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p> |
| 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>

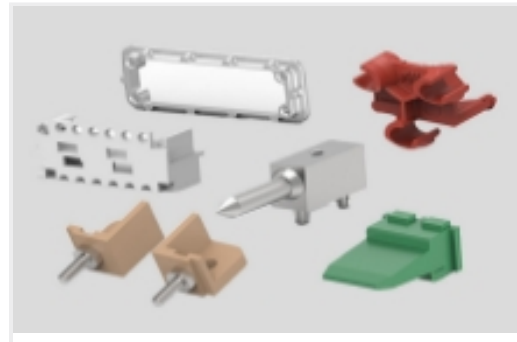
Also in the Series | [AMPLIMITE 0.50 Series](#)



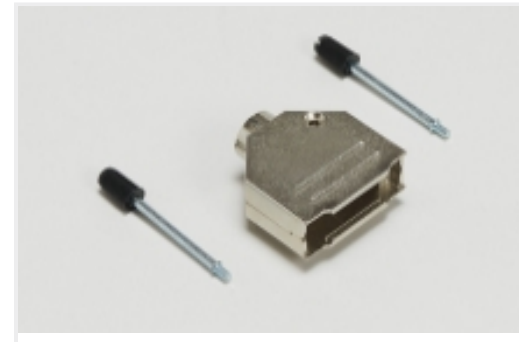
Connector Backshells(31)



Connector Caps &amp; Covers(20)



Connector Hardware(7)



D-Sub Backshells &amp; Clamps(31)



IDC D-Sub Connectors(69)



Insertion &amp; Extraction Tools(1)



PCB D-Sub Connectors(172)

## Customers Also Bought



TE Part #CAT-AM71-CH8172  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT



TE Part #DT04-2P  
REC, 2P, GRY, N



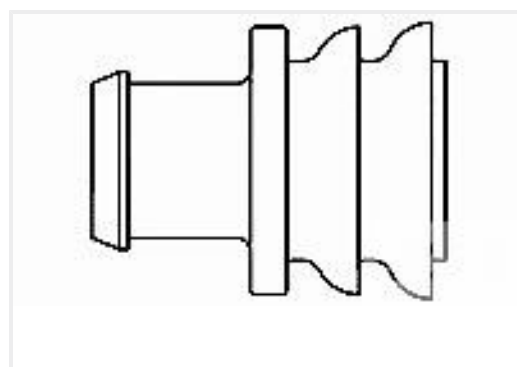
TE Part #DT06-2S  
PLG, 2P, GRY, N



TE Part #CAT-D487-W416  
Wedgelocks: DEUTSCH DT



TE Part #CAT-D48-ST273  
DEUTSCH Solid Contacts



TE Part #281934-2  
SINGLE WIRE SEAL

## Documents

### Product Drawings

50 50SR PANEL MOUNT RCPT

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_749877-5\_M.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_749877-5\\_M.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_749877-5\\_M.3d\\_stp.zip](#)

English

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

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### Product Specifications

[Application Specification](#)

English

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### Agency Approvals

[UL](#)

English