



Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors > IDC D-Sub: Plug Assembly, Low Profile, Signal, 2.77 mm



Connector & Housing Type: **Plug**

Solid Wire Size: **.1 – .13 mm²**

Shielded: **No**

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

[All IDC D-Sub: Plug Assembly, Low Profile, Signal, 2.77 mm \(17\)](#)

Features

Industry Standards

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

Termination Features

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

Body Features

|                                   |                 |
|-----------------------------------|-----------------|
| Shell Plating Finish              | Bright          |
| Cover Material                    | Thermoplastic   |
| Shell Plating Material            | Tin             |
| Cable Exit Angle                  | 180°            |
| Mating Retention Feature Material | Steel           |
| Ribbon Cable Centerline Spacing   | 1.27 mm[.05 in] |
| Connector Profile                 | Low             |

Packaging Features

|                    |    |
|--------------------|----|
| Packaging Quantity | 40 |
|--------------------|----|



|                                                |                              |
|------------------------------------------------|------------------------------|
| Packaging Method                               | Tube                         |
| Mechanical Attachment                          |                              |
| Mating Retention Type                          | Threaded Insert, 4-40 UNC    |
| Mating Retention Feature Plating Material      | Zinc                         |
| Mating Retention                               | With                         |
| Connector Mounting Type                        | Cable Mount (Free-Hanging)   |
| Contact Features                               |                              |
| Contact Underplating Material                  | Nickel                       |
| Wire Contact Termination Area Plating Material | Tin                          |
| Contact Options                                | Installed                    |
| Contact Base Material                          | Phosphor Bronze              |
| Contact Type                                   | Pin                          |
| Contact Size                                   | Size 20                      |
| Contact Current Rating (Max)                   | 1.25 A                       |
| Housing Features                               |                              |
| Housing Material                               | Thermoplastic                |
| Shell Material                                 | Steel                        |
| Centerline (Pitch)                             | 2.77 mm[.055 in]             |
| Operation/Application                          |                              |
| Circuit Application                            | Signal                       |
| Shielded                                       | No                           |
| Dimensions                                     |                              |
| Accepts Cable Insulation Diameter Range        | .81 – .97 mm[.032 – .038 in] |
| Solid Wire Size                                | .1 – .13 mm²                 |
| Wire Size                                      | 28 – 26 AWG                  |
| Product Type Features                          |                              |
| Ground Feature Type                            | Grounding Indents            |
| Shell Material Configuration                   | Front Metal Shell            |
| Connector & Housing Type                       | Plug                         |
| Connector System                               | Cable-to-Cable               |
| Connector Product Type                         | Connector Assembly           |
| Connector Shell Size                           | 2                            |
|                                                |                              |



|                                   |              |
|-----------------------------------|--------------|
| Connector & Contact Terminates To | Wire & Cable |
|-----------------------------------|--------------|

Configuration Features

|                                   |              |
|-----------------------------------|--------------|
| Number of Positions               | 15           |
| Number of Rows                    | 2            |
| Compatible With Wire & Cable Type | Ribbon Cable |

Usage Conditions

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

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

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: JUNE 2024 (241)<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>

Compatible Parts





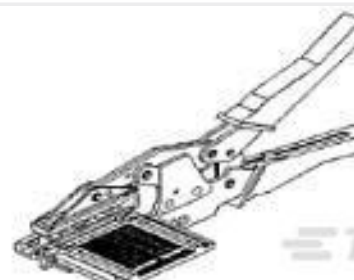
TE Part # 8-1393480-2  
V23529B1223B215=SUB D FEDERLEI



TE Part # 2-1393480-9  
V23529B1122B215=SUB D FEDERLEI



TE Part # 3-1393480-8  
V23529B1123B225=SUB D FEDERLEI



TE Part # 768340-1  
UNIV HAND TOOL KIT AMPLATCH



TE Part # CAT-AM7-248H8  
IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.74 mm



TE Part # 3-1393480-7  
V23529B1123B215=SUB D FL



TE Part # 7-338314-2  
15POS.HD20 REC.ASSY



TE Part # 8-338314-2  
15POS.HD20 REC.ASSY



TE Part # 9-338314-2  
15POS.HD20 REC.ASSY



TE Part # CAT-023-DRARS2274  
D-Sub Receptacle Assembly: Right Angle, Shell Size 2, 2.74mm



TE Part # 1393481-1  
V23529B1225B215=SUB D FEDERLEI



TE Part # CAT-026-RAVSAP2274  
D-Sub Receptacle Assembly: Vertical, Action Pin, Shell Size 2, 2.74mm



TE Part # 5205736-7  
15 RCPT SP/MS STD



TE Part # CAT-AM7-253  
IDC D-Sub: Receptacle Assembly, Low Profile, Signal, 2.77 mm

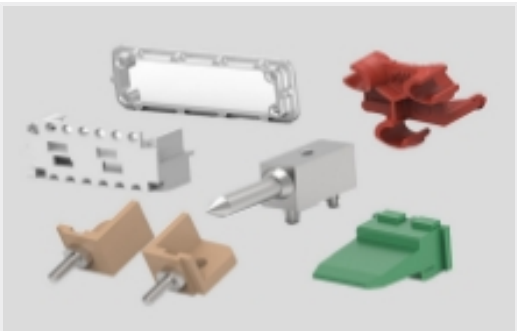


TE Part # 1-1393480-8  
V23529B1121B215=SUB D FEDERLEI



TE Part # CAT-025-DRAVS2274  
D-Sub Receptacle Assembly: Vertical, Shell Size 2, 2.74mm

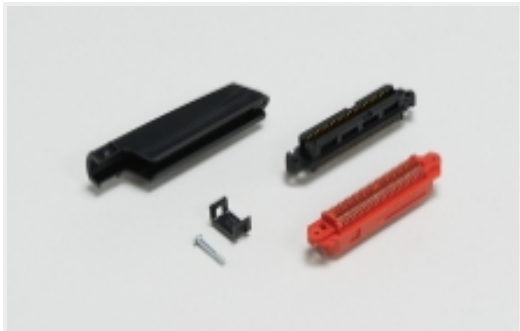
Also in the Series | **AMPLIMITE HDF**



Connector Hardware(3)



Connector Strain Relief(5)



IDC D-Sub Connectors(36)

Customers Also Bought





TE Part #1658612-4  
09 POS HDF RCPT, MS, LEAD FREE

TE Part #CAT-025-DRAVS2274  
D-Sub Receptacle Assembly: Vertical, Shell Size 2, 2.74mm

TE Part #6609012-4  
6EH3=F7286A S0

TE Part #5-1625971-6  
HSA25 50R 5%

TE Part #1586518-2  
08P CMNL HDR ASSY PC NATL LF

TE Part #926657-4  
LOCKING CLIP HSG

TE Part #1658525-2  
622-3453LF, PCB IDC, LEAD FREE

TE Part #7-1879354-2  
RR03 5% 300R AMMO

TE Part #1SNA176791R2100  
CPV4-5

Documents

Product Drawings  
15 POS HDF PLUG, MS, LEAD FREE

English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_1658613-3\_A.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_1658613-3\_A.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_1658613-3\_A.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

Product Specification

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Product Specification

English

Agency Approvals

CSA Certificate

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