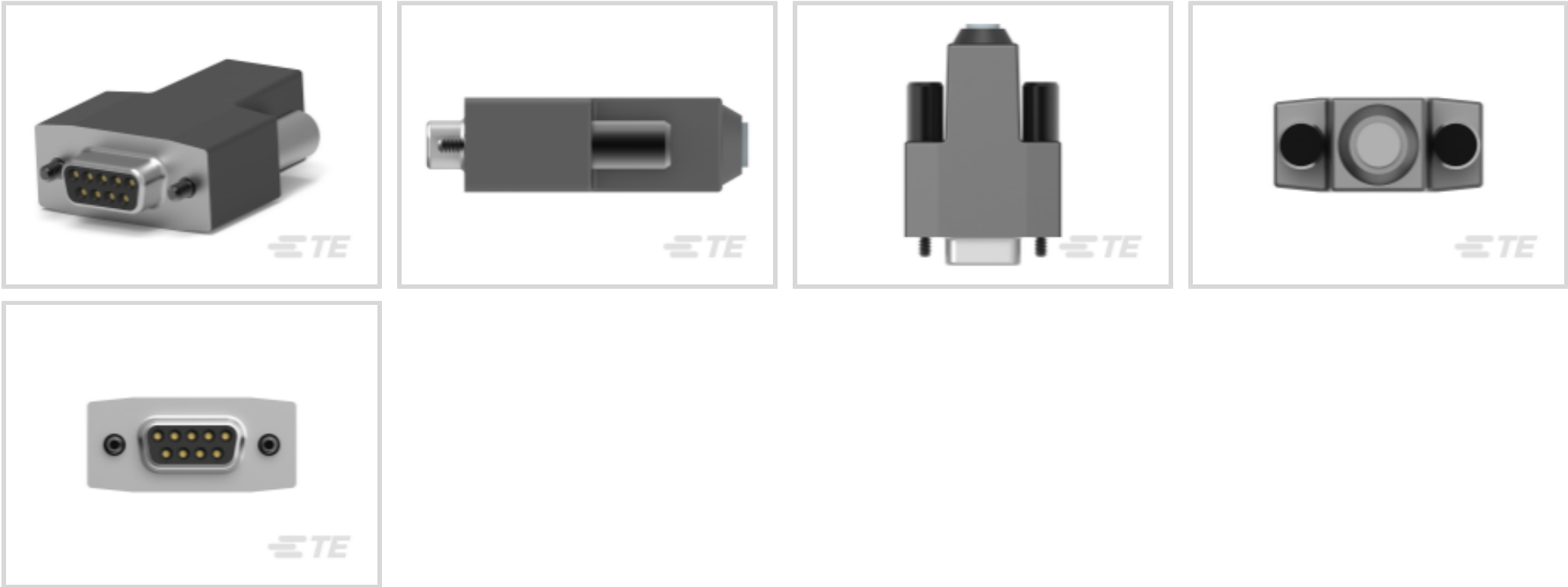




Connectors > D-Shaped Connectors > IDC D-Sub: Receptacle Kit, Wire to Wire, Signal, 2.74 mm



Number of Positions: 9

Connector & Housing Type: Receptacle

Connector System: Cable-to-Cable

Connector Mounting Type: Cable Mount (Free-Hanging)

Connector Shell Size: 1

All IDC D-Sub: Receptacle Kit, Wire to Wire, Signal, 2.74 mm (5)

Features

Product Type Features

|                                   |                   |
|-----------------------------------|-------------------|
| Connector Product Type            | Connector Kit     |
| Shell Material Configuration      | Front Metal Shell |
| Connector & Housing Type          | Receptacle        |
| Connector System                  | Cable-to-Cable    |
| Connector Shell Size              | 1                 |
| 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               | 9                                   |

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           | Gold Flash      |
| Contact Base Material                          | Phosphor Bronze |
| Contact Type                                   | Socket          |
| 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 | 4.83 – 9.53 mm[.19 – .375 in] |
| Compatible Insulation Diameter Range    | 1.52 mm[.06 in]               |
| Solid Wire Size                         | .13 – .32 mm²                 |
| Accepts Cable Diameter (Max)            | 9.53 mm[.375 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

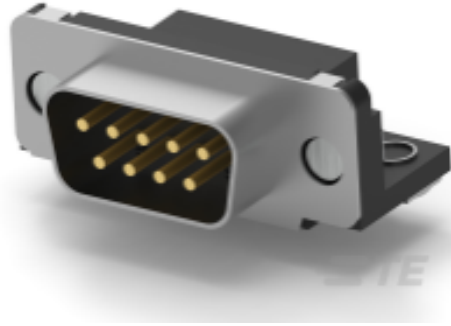
For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                                |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 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>

Compatible Parts



TE Part # CAT-023-DPARS1274  
D-Sub Plug Assembly: Standard, Right Angle, Shell Size 1, 2.74mm



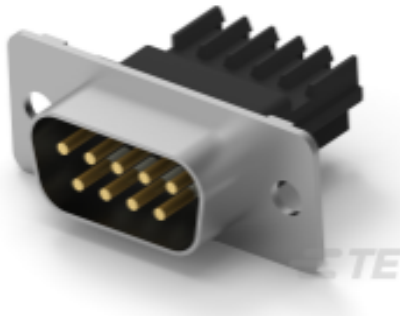
TE Part # CAT-025-DPAVS1274  
D-Sub Plug Assembly: Standard, Vertical, Shell Size 1, 2.74mm



TE Part # 58074-1  
MTA 50/100/156 MANUAL TOOL FRAME



TE Part # 608868-1  
HDE HT PKG FOR SUB D



TE Part # 2-745492-0  
PLUG ASSY,9P,HDE,MS



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

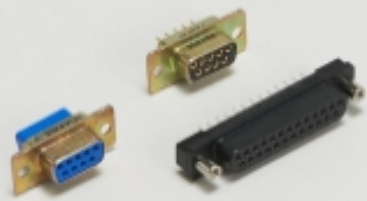
Also in the Series | **AMPLIMITE HDE**



Connector Contacts(13)



Crimp D-Sub Connectors(1)



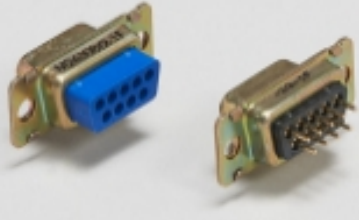
D-Shaped Connectors(57)



IDC D-Sub Connectors(56)

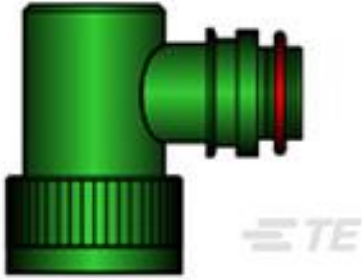


Insertion & Extraction Tools(2)



Panel Mount D-Sub Connectors(8)

Customers Also Bought



TE Part #506161-000  
TXR54AB90-1406BI



TE Part #2-327956-1  
PIDG RECT 22-16COMM 22-18MIL 6



TE Part #4-2176057-9  
RLP73K 3A 1R0 1% 1K RL



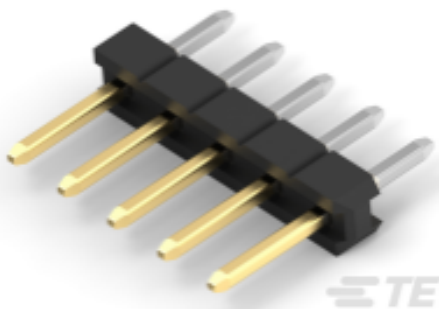
TE Part #382811-8  
SHUNT, ECON, PHBR 5AU, BLACK



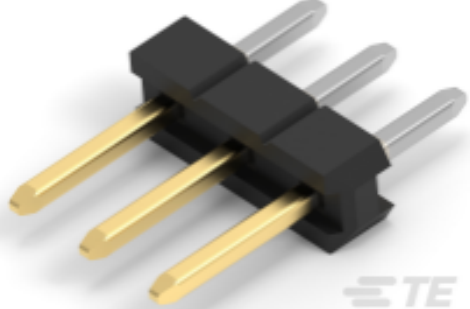


TE Part #644807-000  
[55A1121-22-9/96-9CS2275](#)

TE Part #EB9476-000  
[TXR40AZ90-1406AI](#)



TE Part #2355186-6  
[6P,2MM,BRK HDR,SRVT,2.8,0.76AU, BOX](#)



TE Part #2355186-3  
[3P,2MM,BRK HDR,SRVT,2.8,0.76AU, BOX](#)



TE Part #CW0608-000  
[TX40AZ00-1608](#)

TE Part #657189-000  
[TXS02AB00-06BI](#)

Documents

Product Drawings

[KIT,RCPT,9P,HDE,SHLD ENCLSRE](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-747943-7\\_N.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-747943-7\\_N.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-747943-7\\_N.3d\\_stp.zip](#)

English

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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