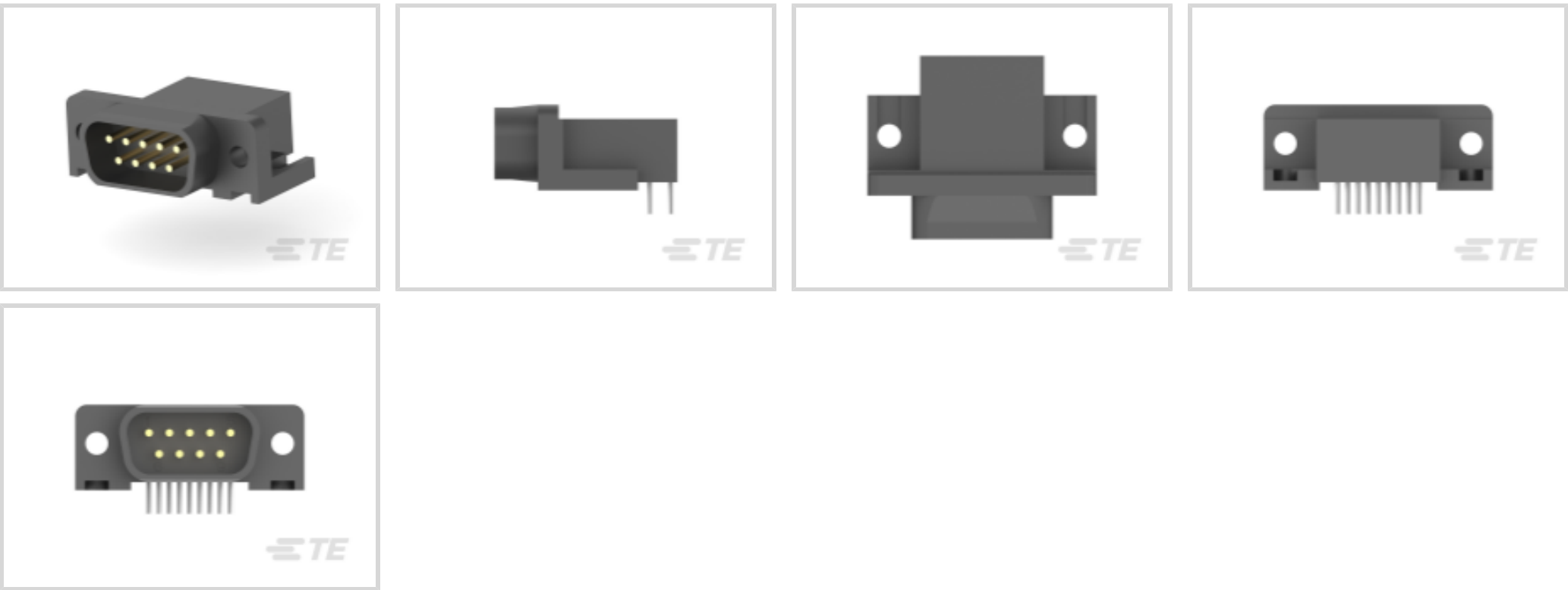




Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors >

D-Sub Plug Assembly: Standard, Right Angle, Shell Size 1, 2.74mm



Connector & Housing Type: **Plug**

Connector System: **Board-to-Board**

Number of Positions: **9**

Centerline (Pitch): **2.74 mm [.108 in]**

Number of Rows: **2**

All D-Sub Plug Assembly: Standard, Right Angle, Shell Size 1, 2.74mm (53)

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Shell Material Configuration | All Plastic |
| Connector & Housing Type | Plug |
| Connector System | Board-to-Board |
| Connector Shell Size | 1 |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|-----------------------|-------------|
| Number of Positions | 9 |
| Number of Rows | 2 |
| PCB Mount Orientation | Right Angle |

Body Features

| | |
|------------------------|------|
| Insert Material | Zinc |
| Shell Plating Material | Tin |



| | |
|-----------------------|----------|
| Primary Product Color | Black |
| Connector Profile | Standard |

Contact Features

| | |
|---|-----------|
| Contact Options | Installed |
| | 30 µin |
| Contact Mating Area Plating Material | Gold |
| Contact Underplating Material | Nickel |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Base Material | Brass |
| Contact Shape & Form | Round |
| Contact Current Rating (Max) | 6 A |

Termination Features

| | |
|----------------------------------|-----------------------|
| Termination Post & Tail Diameter | .66 mm[.026 in] |
| Termination Post & Tail Length | 3.18 mm[.125 in] |
| Termination Method to PCB | Through Hole - Solder |

Mechanical Attachment

| | |
|--------------------------|------------------|
| Mounting Hole Diameter | 3.18 mm[.125 in] |
| PCB Mount Retention | With |
| PCB Mount Retention Type | Mounting Hole |
| Mating Retention | Without |
| Connector Mounting Type | Board Mount |

Housing Features

| | |
|--------------------|------------------------|
| Shell Material | Steel |
| Housing Material | Nylon GF, Polyester GF |
| Centerline (Pitch) | 2.74 mm[.108 in] |

Dimensions

| | |
|-----------------------------|------------------|
| PCB Thickness (Recommended) | 2.36 mm[.093 in] |
| Row-to-Row Spacing | 2.84 mm[.112 in] |

Usage Conditions

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

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|



Industry Standards

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

Packaging Features

| | |
|--------------------|---------|
| Packaging Quantity | 140 |
| 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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC |
| Halogen Content | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources. |
| Solder Process Capability | Wave solder capable to 265°C |

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-AM7-253
IDC D-Sub: Receptacle Assembly, Low Profile, Signal, 2.77 mm



TE Part # 745201-7
09 HDE AP RECEPT, LEAD FREE



TE Part # 3-1393483-8
V42254A1115B209=SUB D FEDERLEI

Customers Also Bought




TE Part #5747467-1
HD-20 PLUG 9P RA 590



TE Part #1367073-1
20 POS SMT CONN, SFP, 15AU



TE Part #2176055-1
RLP73V 2B R010 1% 1K RL



TE Part #208101-8
LATCH BLOCK (SZ 1-4)



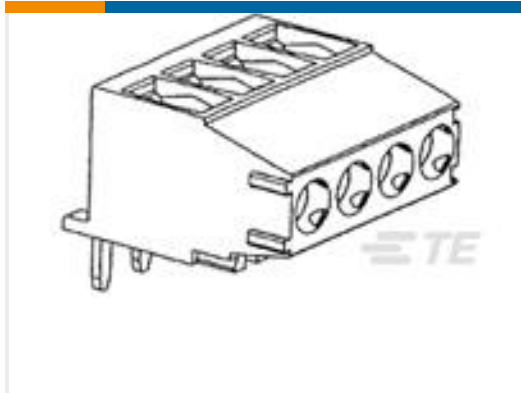
TE Part #7-5530843-6
CONN SEC II 6 POS 100C/L



TE Part #5520251-4
MJ,R/A,8P,PNL STOPS



TE Part #2834095-1
5.0MM SIDE ENTRY MSC 2P_GY



TE Part #284414-2
TERMI-BLOK 900 PCB 2 POS. 3,5



TE Part #2301843-2
AMPL PLUG HD20, R/A, 9P, B/L,4-40 S /LOCK

Documents

Product Drawings
HD-20 PLUG 9P RA 590
English

CAD Files
Customer View Model
ENG_CVM_CVM_5747467-2_B.2d_dxf.zip
English
3D PDF



3D

Customer View Model

[ENG_CVM_CVM_5747467-2_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5747467-2_B.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 - Right-Angle Posted Connectors](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English

Agency Approvals

[UL Report](#)

English