



Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Receptacle Assembly: Right Angle, Shell Size 1, 2.74mm



Connector & Housing Type: Receptacle

Connector System: Wire-to-Board

Number of Positions: 9

Centerline (Pitch): 2.77 mm [.109 in]

Number of Rows: 2

All D-Sub Receptacle Assembly: Right Angle, Shell Size 1, 2.74mm (77)

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Connector & Housing Type          | Receptacle            |
| Connector System                  | Wire-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

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

Contact Features

|                 |           |
|-----------------|-----------|
| Contact Options | Installed |
|-----------------|-----------|



|                              |       |
|------------------------------|-------|
| Contact Shape & Form         | Round |
| Contact Current Rating (Max) | 2 A   |

Termination Features

|                           |                       |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
|---------------------------|-----------------------|

Mechanical Attachment

|                          |                            |
|--------------------------|----------------------------|
| PCB Mount Retention      | With                       |
| PCB Mount Retention Type | Boardlock                  |
| Mating Retention         | With                       |
| Mating Retention Type    | Threaded Inserts, 4-40 UNC |
| Connector Mounting Type  | Board Mount                |

Housing Features

|                    |                  |
|--------------------|------------------|
| Housing Material   | PBT GF           |
| Centerline (Pitch) | 2.77 mm[.109 in] |

Dimensions

|                    |                  |
|--------------------|------------------|
| Row-to-Row Spacing | 2.84 mm[.111 in] |
|--------------------|------------------|

Usage Conditions

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

Operation/Application

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

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                     | 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 # 2301843-1

AMPL PLUG HD20, R/A, 9P, B/L,4-40  
INS

Customers Also Bought

TE Part #MS580314BA01-00

MS5803-14BA01 DIGIT PRESSURE  
SENSOR TUBE

TE Part #5-1623732-2

BCHE 7 W 6R8 10%

TE Part #4525-DS3A001DP

1PSI DP PRESSURE SENSOR 10% TO  
90%

TE Part #216604-8

2X 8P HV190FEDERLEI

TE Part #216604-6

2X 6P HV190FEDERLEI

TE Part #2-2176325-2

CRGP 0402 560R 1%

TE Part #89BSD-030BA-B

PRESS,ISO,NO THRD CAPS,NO FTG

TE Part #2367818-2

DYNAMIC D1000SL REC CONT M  
SIZE AU0.2 LP





Documents

Product Drawings

AMPL REC HD20, R/A, 9P, B/L,4-40 INS

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2301844-1\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2301844-1\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2301844-1\_B.3d\_stp.zip

English

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

Product Specifications

Product Specification

English