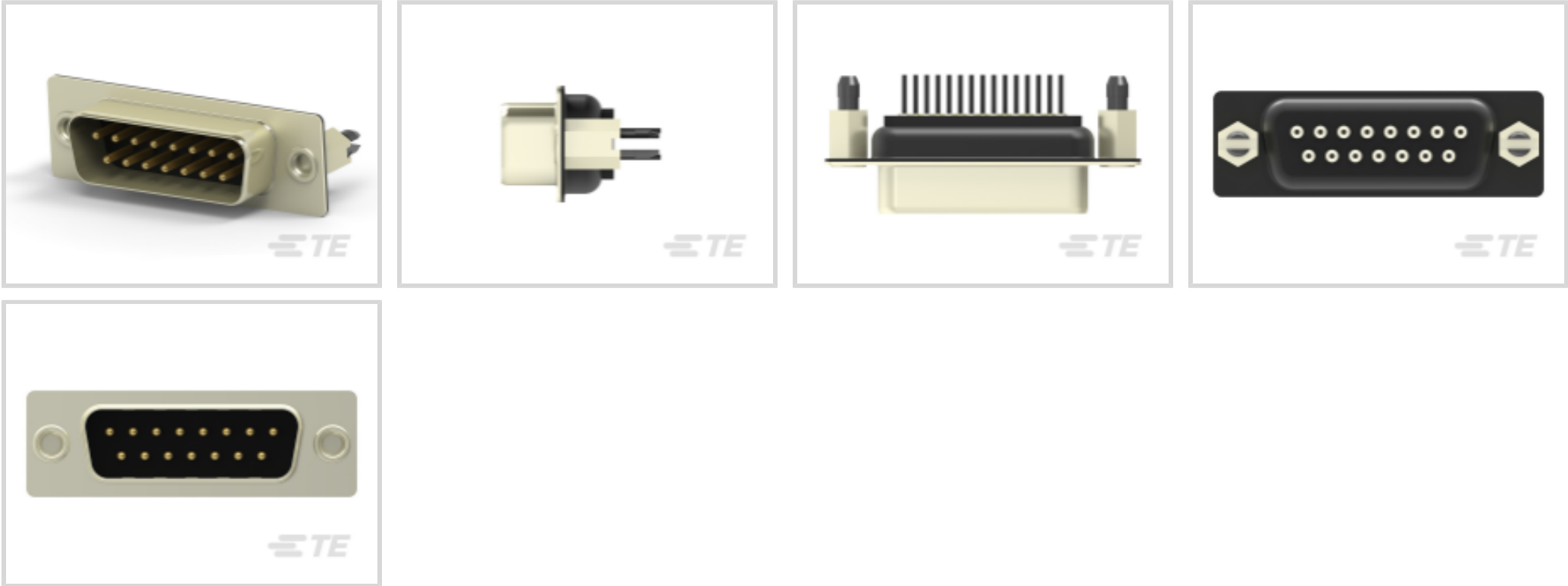




TE Internal #: 2301828-1  
Plug, Wire-to-Board, 15 Position, 2.77 mm [.109 in] Centerline, 2  
Row, Shell Size 2, Round, High Profile, Vertical, PCB D-Sub  
Connectors  
[View on TE.com >](#)

Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Plug Assembly: Standard, Vertical, Shell Size 2, 2.74mm



Connector & Housing Type: **Plug**  
Connector System: **Wire-to-Board**  
Number of Positions: **15**  
Centerline (Pitch): **2.77 mm [.109 in]**  
Number of Rows: **2**

[All D-Sub Plug Assembly: Standard, Vertical, Shell Size 2, 2.74mm \(27\)](#)

Features

Termination Features

|                                  |                       |
|----------------------------------|-----------------------|
| Termination Post & Tail Diameter | .6 mm[.023 in]        |
| Termination Method to PCB        | Through Hole - Solder |

Body Features

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

Contact Features

|                              |           |
|------------------------------|-----------|
| Contact Options              | Installed |
| Contact Shape & Form         | Round     |
| Contact Current Rating (Max) | 1.5 A     |

Housing Features

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

Product Type Features



|                                   |                       |
|-----------------------------------|-----------------------|
| Connector & Housing Type          | Plug                  |
| Connector System                  | Wire-to-Board         |
| Connector Shell Size              | 2                     |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

|                       |          |
|-----------------------|----------|
| Number of Positions   | 15       |
| Number of Rows        | 2        |
| PCB Mount Orientation | Vertical |

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                |

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 |
|---------------------|--------|

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: JAN 2023 (233) |



|                           |  |
|---------------------------|--|
|                           | 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 # 2301840-1  
AMPL REC HD20, VERT, 15P, B/L,4-40 S/LOC

Customers Also Bought

TE Part #3-643814-7  
07P MTA100 CONN ASSY POL RIB

TE Part #2-332095-2  
SOCKET,MIN-SPR W/KO AU SER-1

TE Part #1-2308273-2  
QL-SET VARA W/STP MO FOR COMBLOCK 440UNC

TE Part #350629-8  
.062 COMM P&S PIN PRE TIN/PHBZ

TE Part #1757836-4  
AMPLIMITE,R/A RCPT ASY,109,ZN,4

TE Part #9-1625868-4  
RP 2A 0.25W 49R9 0.1% 25PPM 1K RL

TE Part #3-2176244-7  
CRGS0805 5% 1K0

TE Part #770894-2  
02P SL156 HSG W/THRU BD LATCH



Documents

Product Drawings

AMPL PLUG HD20, VERT, 15P, B/L,4-40 INS

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2301828-1\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2301828-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2301828-1\_A.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