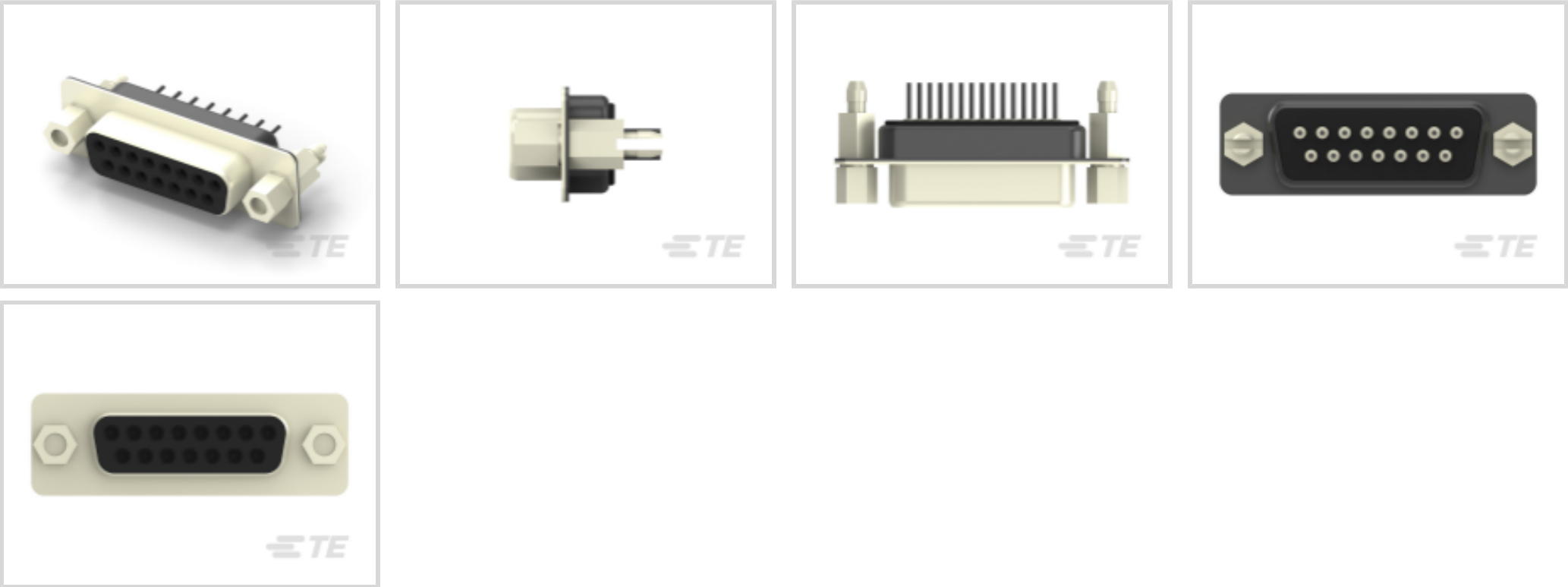




TE Internal #: 2301840-1  
Receptacle, Wire-to-Board, 15 Position, 2.77 mm [.109 in]  
Centerline, 2 Row, 2 Connector Shell Size, Round, High Profile, PCB  
D-Sub Connectors  
[View on TE.com >](#)

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



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

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Connector & Housing Type          | Receptacle            |
| 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 |

Housing Features

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

Dimensions

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

Contact Features

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



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

Body Features

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

Mechanical Attachment

|                          |                |
|--------------------------|----------------|
| PCB Mount Retention      | With           |
| PCB Mount Retention Type | Boardlock      |
| Mating Retention         | With           |
| Mating Retention Type    | 4-40 Screwlock |
| Connector Mounting Type  | Board Mount    |

Operation/Application

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

Usage Conditions

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

Other

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

Termination Features

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

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                   | Not Yet Reviewed                                                                                                                |
| 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 reviewed 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 # 2301828-1  
AMPL PLUG HD20, VERT, 15P, B/L,4-40 INS

Customers Also Bought

TE Part #1-917338-5  
DYNAMIC 3200 VERTI. HDR ASY 4P

TE Part #2301826-1  
AMPL PLUG HD20, VERT, 9P, B/L,4-40 INS

TE Part #2301828-1  
AMPL PLUG HD20, VERT, 15P, B/L,4-40 INS

TE Part #2071366-1  
EW60-1A3-BL12D04,00000

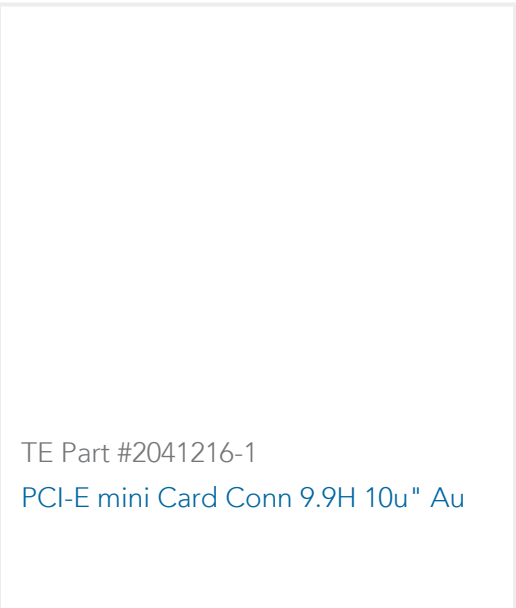
TE Part #194032-7  
SKT ASSY, 3MM, 12-14 GA

TE Part #2301838-1  
AMPL REC HD20, VERT, 9P, B/L,4-40 INS

TE Part #2823104-6  
6P,2MM,BRK HDR,SRRT,2,8,0.76AU,TB

TE Part #8-534206-0  
60 MODII VRT DR CE 100/115





Documents

Product Drawings

AMPL REC HD20, VERT, 15P, B/L,4-40 S/LOC

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2301840-1\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2301840-1\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2301840-1\_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