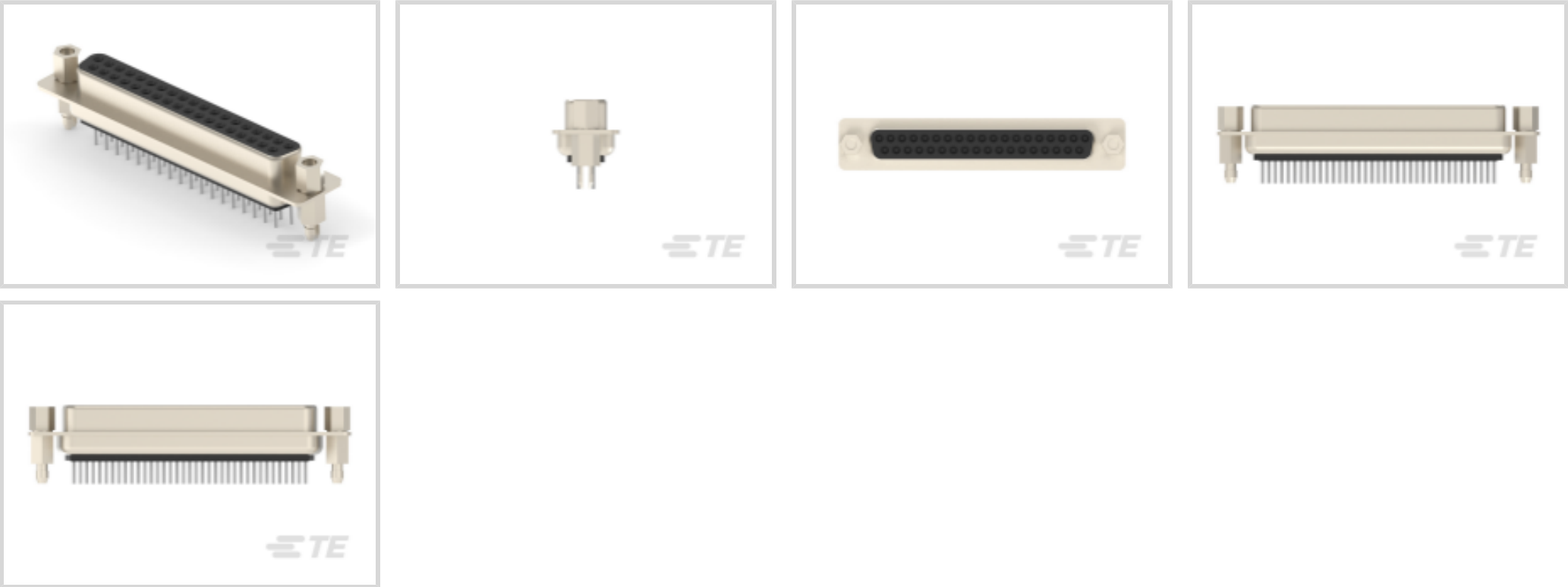




TE Internal #: 2301842-1
Receptacle, Wire-to-Board, 37 Position, 2.77 mm [.109 in]
Centerline, 2 Row, 4 Connector Shell Size, Round, High Profile, PCB
D-Sub Connectors
[View on TE.com >](#)

Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Receptacle Assembly: Vertical, Shell Size 4, 2.77mm



Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Board**
Number of Positions: **37**
Centerline (Pitch): **2.77 mm [.109 in]**
Number of Rows: **2**

[All D-Sub Receptacle Assembly: Vertical, Shell Size 4, 2.77mm \(30\)](#)

Features

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Connector Shell Size	4
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	37
Number of Rows	2
PCB Mount Orientation	Vertical

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

Termination Features

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

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

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) Candidate List Declared Against: JUNE 2024 (241) 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 # 2301836-1
AMPL PLUG HD20, VERT, 37P, B/L,4-40 S/LO

Customers Also Bought

TE Part #2-5499206-8
A/L UNIV HDR 34P VERT LG LAT B

TE Part #5-1622820-2
3520 4R7 5%

TE Part #2301836-1
AMPL PLUG HD20, VERT, 37P, B/L,4-40 S/LO

TE Part #6-1437719-6
T01-0570-S03-FEMALE REC PANEL-PCB STRT

TE Part #5-146132-1
03 MODII HDR SR SFMNT B/A .100

TE Part #2301841-2
AMPL REC HD20, VERT, 25P, B/L,4-40 S/LOC

TE Part #1-2176345-3
CRGCQ 1210 100R 1%

TE Part #20009605-16
FX29K0-040B-0010-L

Documents

Product Drawings
AMPL REC HD20, VERT,37P, B/L,4-40 S/LOC
English



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2301842-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2301842-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2301842-1_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