



TE Internal #: 2301826-2

PCB D-Sub Connectors, Plug, Wire-to-Board, 9 Position, 2.77 mm [.109 in] Centerline, 2 Row, 1 Connector Shell Size, Round, High Profile, Vertical

[View on TE.com >](#)

Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Plug Assembly: Standard, Vertical, Shell Size 1, 2.74mm



Connector & Housing Type: **Plug**

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

Number of Positions: **9**

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

Number of Rows: **2**

[All D-Sub Plug Assembly: Standard, Vertical, Shell Size 1, 2.74mm \(50\)](#)

Features

Product Type Features

Connector & Housing Type	Plug
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	Vertical

Body Features

Primary Product Color	Black
Connector Profile	High

Contact Features

Contact Shape & Form	Round
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Contact Current Rating (Max)	1.5 A
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Termination Features

Round Termination Post & Tail Diameter	.6 mm[.023 in]
Termination Method to Printed Circuit Board	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]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Box & Tray
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (2.33% in Component Part) <small>Article Safe Usage Statements:</small>



Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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 # 2301838-2
AMPL REC HD20, VERT, 9P, B/L,4-40 S /LOCK

Customers Also Bought

<div></div> <div>TE Part #8-1879208-3 CPF 0402 27K 0.1% 25PPM 1K RL</div>	<div></div> <div>TE Part #7-2176091-8 RP 2A 0.25W 383R 0.1% 25PPM 1K RL</div>	<div></div> <div>TE Part #6-2176091-1 RP 2A 0.25W 249R 0.1% 25PPM 1K RL</div>	<div></div> <div>TE Part #1-5177983-4 0.8FH,R05H.5,100,15/Sn,TU</div>
<div></div> <div>TE Part #1-1586037-6 16P VERT HDR VAL-U-LOK V2</div>	<div></div> <div>TE Part #2176264-1 RN 0805 511K 0.1% 10PPM 1K RL</div>	<div></div> <div>TE Part #ZPF000000000007090 9602-00H 12-10 PN</div>	<div></div> <div>TE Part #1532003-9 087-9099-0007=PLUG,3PINHERMET</div>



Documents

Product Drawings

AMPL PLUG HD20, VERT, 9P, B/L,4-40 S/LOC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2301826-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2301826-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2301826-2_A.3d_stp.zip

English

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Product Specifications

Product Specification

English

Product Environmental Compliance

Product Compliance Document

English

Product Compliance Document

English