



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



Number of Positions: 9

Connector & Housing Type: Plug

Connector System: Wire-to-Board

Connector Mounting Type: Board Mount

Connector Shell Size: 1

[All D-Sub Plug Assembly: Standard, Vertical, Shell Size 1, 2.74mm \(28\)](#)

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

PCB Mount Orientation	Vertical
Number of Rows	2
Number of Positions	9

Body Features

Primary Product Color	Black
Connector Profile	High

Contact Features

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

Termination Features

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

Mechanical Attachment

Mating Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention Type	4-40 Screwlock
PCB Mount Retention	With
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
EU ELV Directive 2000/53/EC	Out of Scope
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247)



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

Customers Also Bought

TE Part #1879495-8
CRGH0603 5% 27K 0.2W

TE Part #2-647127-2
02P MTA156 SHRD HDR ASSY LF

TE Part #826469-5
2X5P MOD II SHROUDED HEADER, ST

TE Part #154721-E
SMCB 80 F AB VV 7-03 CL * H007 137 E002

TE Part #6450130-4
MBXL R/A HDR 4P+24S+3ACP

TE Part #826656-7
7P AMPMODU II STIFT LEI

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

TE Part #0419294001
CGPT-3/1-4-SP



TE Part #3-2176244-8
CRGS0805 5% 1K2



TE Part #8-1614353-6
RN 0603 487R 0.1% 10PPM CUT LENGTH

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