



TE Internal #: 2301843-2  
PCB D-Sub Connectors, Plug, Cable-to-Board, 9 Position, 2.77 mm [.109 in] Centerline, 2 Row, 1 Connector Shell Size, Straight, Right Angle  
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Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors



Connector & Housing Type: **Plug**  
Connector System: **Cable-to-Board**  
Number of Positions: **9**  
Centerline (Pitch): **2.77 mm [.109 in]**  
Number of Rows: **2**

Features

Product Type Features

Connector & Housing Type	Plug
Connector System	Cable-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	Right Angle

Contact Features

Contact Shape & Form	Straight
Contact Current Rating (Max)	2 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

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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

Centerline (Pitch)	2.77 mm[.109 in]
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Dimensions

Row-to-Row Spacing	2.84 mm[.112 in]
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Usage Conditions

Operating Temperature Range	-55 - 105 °C[-67 - 221 °F]
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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	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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

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 # 2301844-2  
AMPL REC HD20, R/A, 9P, B/L,4-40 S /LOCK

Customers Also Bought

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

TE Part # 173926-1  
4 P ACTION PIN UMNL

TE Part # 5650090-3  
STANDARD EDGE .050 SERIES 40 DUAL ASSY

TE Part # 188753-4  
31P.IEC-F MALE CONN

TE Part # 2291392-9  
MALE ASM, 1 POS, R/A, PCB, FAKRA

TE Part # 3-647502-2  
02P MTA100 HDR ASSY,SM,FL,SN

TE Part # CQ10333001  
CL105-4X6.00-SO-0CK0456

TE Part # CQ10353001  
CL105-4X10.00-SO-0CK0456

Documents

Product Drawings  
AMPL PLUG HD20, R/A, 9P, B/L,4-40 S/LOCK  
English

CAD Files  
Customer View Model  
ENG\_CVM\_CVM\_2301843-2\_B1.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2301843-2\_B1.3d\_igs.zip  
English  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_2301843-2\_B1.3d\_stp.zip



English

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Product Specifications

Application Specification

English