

2301844-2 ✓ ACTIVE

AMPLIMITE

TE Internal #: 2301844-2

9 Position D-Shaped Connector, Receptacle, Wire-to-Board, Board Mount, Shell Size 1, 2.77 mm [.109 in] Centerline, Printed Circuit Board, Signal

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Connectors > D-Shaped Connectors > D-Sub Receptacle Assembly: Right Angle, Shell Size 1, 2.74mm



Number of Positions: 9

Connector & Housing Type: Receptacle

Connector System: Wire-to-Board

Connector Mounting Type: Board Mount

Connector Shell Size: 1

[All D-Sub Receptacle Assembly: Right Angle, Shell Size 1, 2.74mm \(64\)](#)

Features

Product Type Features

Connector & Housing Type	Receptacle
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	Right Angle

Body Features

Primary Product Color	Black
Connector Profile	Standard

Contact Features



Contact Shape & Form	Round
Contact Current Rating (Max)	2 A
Contact Options	Installed

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

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

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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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

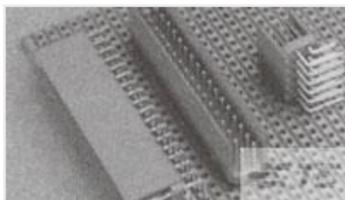
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2301843-2
AMPL PLUG HD20, R/A, 9P, B/L,4-40 S /LOCK

Customers Also Bought



TE Part #281742-6
HEADER HE14 RA 2X6 P



TE Part #747844-5
09 MSFL RCPT RA 318 (SL,FM,BL)



TE Part #7-1614884-1
CPF 0805 2K7 0.1% 25PPM 1K RL



TE Part #1622984-1
CRG0603 1% 680K



TE Part #1676368-2
RN 0805 52K3 0.1% 10PPM 1KRL



TE Part #1761606-8
IDC LOW PRO HDR 24P VERT LA



TE Part #2106003-1
Connector, SMT-IDC, 1 POS, 18 AWG



TE Part #4-2176430-4
MPT35 10R 1%



Documents

Product Drawings

[AMPL REC HD20, R/A, 9P, B/L,4-40 S/LOCK](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2301844-2_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2301844-2_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2301844-2_B.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English