

2301844-2 ✓ ACTIVE

AMPLIMITE

TE Internal #: 2301844-2

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

[View on TE.com >](#)



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

PCB Mount Orientation	Right Angle
Number of Rows	2
Number of Positions	9

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

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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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 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 reviewed for solder process capability

Product Compliance Disclaimer

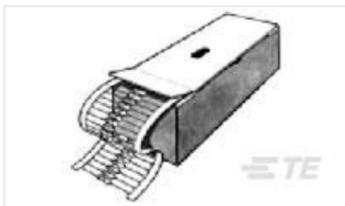
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 #2176083-7
EP 5W (S) 100R 5%



TE Part #2180739-1
SFP+ Enhanced 1x2, Heatsink Op



TE Part #5-1879222-0
CPF 0603 61R9 0.1% 25PPM 1K RL



TE Part #1761014-3
SFP 1X2 CAGE ASSY, PRESS FIT



TE Part #1676236-2
RN 0805 1K58 0.1% 10PPM 1KRL



TE Part #2319764-4
E STACK PIANO 8P G LONG TUBE
PD ON



TE Part #2301843-2
AMPL PLUG HD20, R/A, 9P, B/L,4-40 S
/LOCK



TE Part #1-1879023-9
3650 1008 0.15uH 5% 2K RL



TE Part #D98213-000
T1K-165051-25-9



TE Part #6-1879208-8
CPF 0402 6K2 0.1% 25PPM 1K RL

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