

2301844-1 ✓ ACTIVE

AMPLIMITE

TE Internal #: 2301844-1

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 |
|---------------------------|-----------------------|

Mechanical Attachment

| | |
|--------------------------|----------------------------|
| Connector Mounting Type | Board Mount |
| PCB Mount Retention | With |
| PCB Mount Retention Type | Boardlock |
| Mating Retention | With |
| Mating Retention Type | Threaded Inserts, 4-40 UNC |

Housing Features

| | |
|--------------------|-------------------|
| Housing Material | PBT GF |
| Centerline (Pitch) | 2.77 mm [.109 in] |

Dimensions

| | |
|--------------------|-------------------|
| Row-to-Row Spacing | 2.84 mm [.111 in] |
|--------------------|-------------------|

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -55 – 105 °C [-67 – 221 °F] |
|-----------------------------|-----------------------------|

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

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 | Out of Scope |
| 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: JAN 2025 (247) 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 # 2301843-1
AMPL PLUG HD20, R/A, 9P, B/L,4-40
INS

Customers Also Bought



TE Part #DRC23-24PA
HDR 24P, BLK, RA, AU/NI/CU, A



TE Part #NB20314001
VERSAFIT-3/16-0-SP-SM



TE Part #7-1474654-2
FSN-1.5A-9



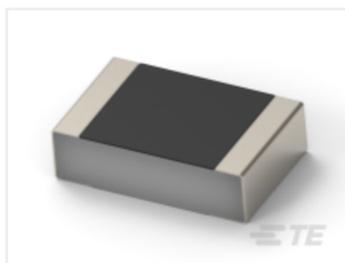
TE Part #1622502-1
LR1 1% 4K99



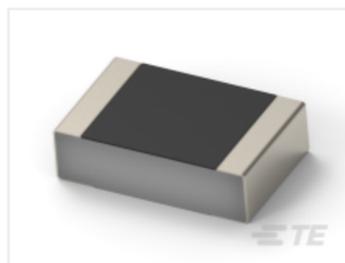
TE Part #8-1879255-5
RP 2B 100R 0.1% 15PPM CUT LENG



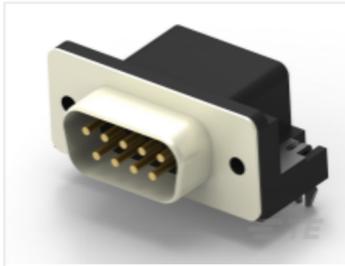
TE Part #8-2176401-4
3540 12R 5%



TE Part #7-2176449-0
CPF 0201 30K1 0.1% 25ppm 10K RL



TE Part #8-2176449-6
CPF 0201 44K2 0.1% 25ppm 10K RL



TE Part #2301843-1
AMPL PLUG HD20, R/A, 9P, B/L,4-40
INS



TE Part #2359309-1
CAGE ASSEMBLY, QSFP28 1X1
THERMAL BRIDGE

Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2301844-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2301844-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2301844-1_B.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English