2301838-1 ✔ ACTIVE

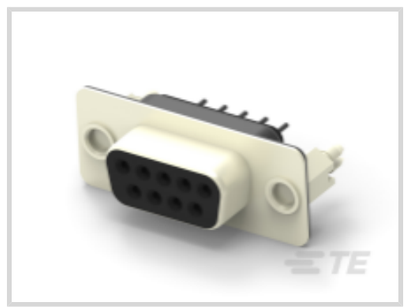
AMPLIMITE

TE Internal #: 2301838-1

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

View on TE.com >

Connectors > D-Shaped Connectors







Number of Positions: **9**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Board**

Connector Mounting Type: **Board Mount**

Connector Shell Size: **1**

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	Vertical

Body Features

Primary Product Color	Black
Connector Profile	High

Contact Features

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

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>

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: 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 applicable for solder process capability

Product Compliance Disclaimer

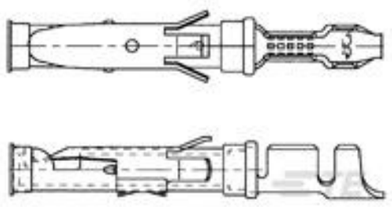
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

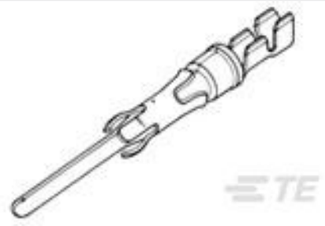


TE Part # 2301826-1
AMPL PLUG HD20, VERT, 9P, B/L,4-40 INS

Customers Also Bought



TE Part #163767-4
062 SOC.ASS.TYPE 3+



TE Part #164161-9
.062 PIN ASSY.3+



TE Part #213782-4
CPC RECPT ASSEMBLY SIZE 23-19



TE Part #213798-3
CPC RECPT ASSEMBLY SIZE 23-24



TE Part #213856-4
CPC RECPT ASSEMBLY SIZE 23-37



TE Part #213859-2
CPC RECPT ASSEMBLY SIZE 23-19



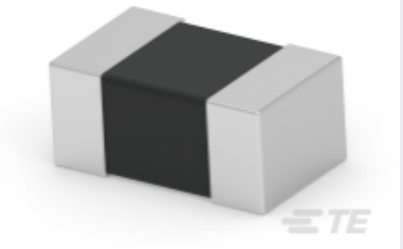
TE Part #1-796433-1
CPC POSTED RCPT,13-7 LF



TE Part #3-1415543-3
SR6V6K18



TE Part #1-1622825-2
RL73K 3A R15 5% 1K Reel



TE Part #1-2176748-9
BMC-Q 0805 300R 25% Tol. UH Current

Documents

Product Drawings

AMPL REC HD20, VERT, 9P, B/L,4-40 INS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2301838-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2301838-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2301838-1_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Product Specification

English