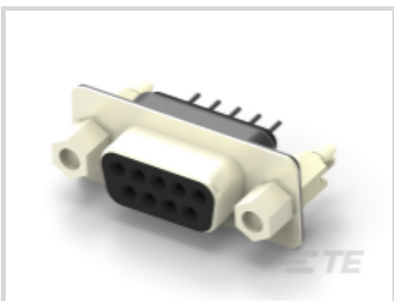
2301838-2 ✔ ACTIVE

TE Internal #: 2301838-2

PCB D-Sub Connectors, Receptacle, Cable-to-Board, 9 Position, 2.77 mm [.109 in] Centerline, 2 Row, Size 1, Straight, Vertical, PCB Mount Retention

View on TE.com >

Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors



Connector & Housing Type: **Receptacle**

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	Receptacle
Connector System	Cable-to-Board
D-Sub Shell Size	1
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	9
Number of Rows	2
PCB Mount Orientation	Vertical

Contact Features

Contact Shape & Form	Straight
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

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]

Dimensions

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

Usage Conditions

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

Product Compliance

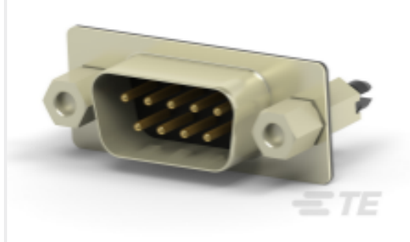
For compliance documentation, visit the product page on TE.com>

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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

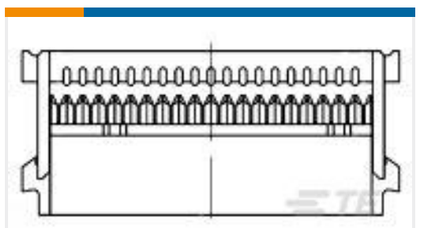


TE Part # 2301826-2
AMPL PLUG HD20, VERT, 9P, B/L,4-40 S/LOC

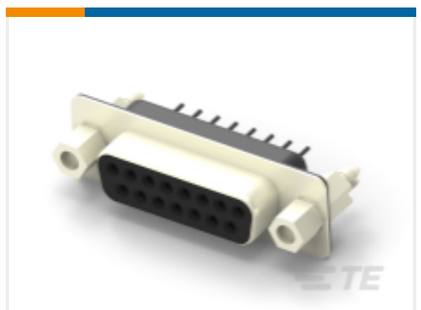
Customers Also Bought

TE Part #1-35787-0
N PIDG RING 12-10 8

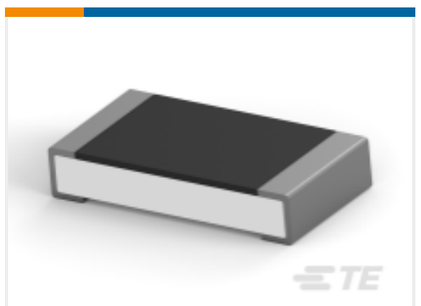
TE Part #2301826-2
AMPL PLUG HD20, VERT, 9P, B/L,4-40 S/LOC



TE Part #1658526-8
609-1430LF FEM SOCKT,LEAD FREE



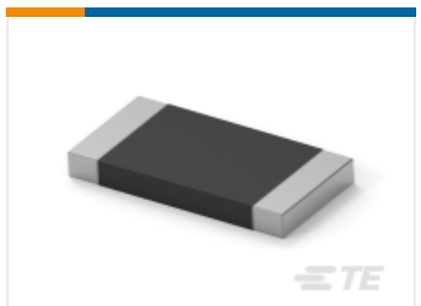
TE Part #2301840-1
AMPL REC HD20, VERT, 15P, B/L,4-40 S/LOC



TE Part #7-2176388-5
RQ 1206 59R 0.1% 10PPM 5K RL

TE Part #4-1734592-2
FPC CONN. 0.5MM PITCH B/C, 42P

TE Part #2301842-1
AMPL REC HD20, VERT,37P, B/L,4-40 S /LOC



TE Part #6-2176422-6
TLRP 2512 3.0W R047 1% 50PPM 4K RL

Documents

Product Drawings

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

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2301838-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2301838-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2301838-2_B.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_2301838-2_051520181216_dmtec

English

MD_2301838-2_051520181216_dmtec

English