2454917-1 ✔ ACTIVE

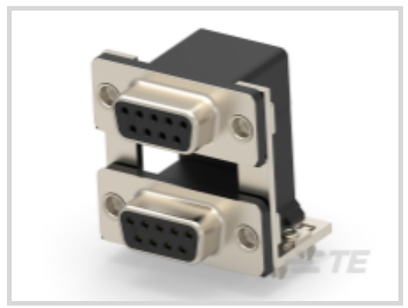
AMPLIMITE | AMPLIMITE D-Sub Connector

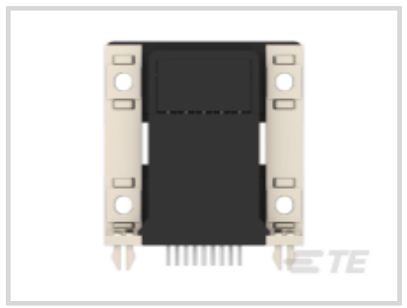
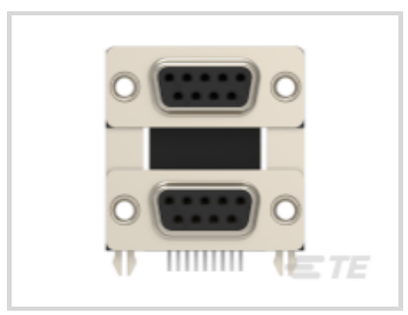
TE Internal #: 2454917-1

PCB D-Sub Connectors, Receptacle, Board-to-Board, 9 Position, 19.05 mm [.75 in] Centerline, 2 Row, 03 Connector Shell Size, AMPLIMITE D-Sub Connector

View on TE.com >

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



Connector & Housing Type: **Receptacle**

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

Number of Positions: **9**

Centerline (Pitch): **19.05 mm [.75 in]**

Number of Rows: **2**

Features

Product Type Features

Shell Material Configuration	Front Metal Shell
Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Connector Shell Size	03
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

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

Body Features

Insert Material	PBT
Connector Profile	Standard

Contact Features

Contact Shape & Form	Round
Contact Current Rating (Max)	3 A

Mechanical Attachment

PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole
Mating Retention	With
Mating Retention Type	Female Screwlocks, Fixed
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	19.05 mm[.75 in]

Dimensions

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

Usage Conditions

Operating Temperature Range	-55 - 105 °C[131 - 221 °F]

Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 5748526-1
KIT,PLUG,9P,HDP-20,SHLD HDWRE

Also in the Series | AMPLIMITE D-Sub Connector



PCB D-Sub Connectors(9)

Customers Also Bought



TE Part # 1393260-7
SR6B4024 - V23050-A1024-A542



TE Part # 1-1393210-8
T9AS1D12-24



TE Part # 7-1393243-9
RT424730



TE Part # 4-1625892-3
3W SM M/OX 5% 33R



TE Part # 2-2176347-0
CRGCQ 2010 390R 1%



TE Part # 215083-6
MICRO-MATCH MOW.06P

Documents

Product Drawings

D-SUB ,9 POS RCPT OVER 9 POS RCPT

English

CAD Files

Customer View Model

ENG_CVM_CVM_2454917-1_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2454917-1_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2454917-1_1.3d_stp.zip

English

3D PDF

3D

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

Datasheets & Catalog Pages

AMPLIMITE D-SUBMINIATURE STACKED PCB CONNECTOR

English