

AMPLIMITE

TE Internal #: 2301843-2

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

Board

View on TE.com >

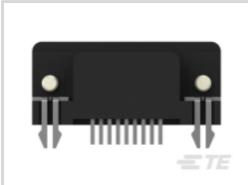


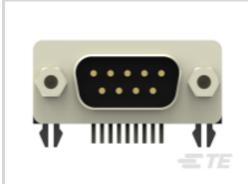
Connectors > D-Shaped Connectors











Number of Positions: 9

Connector & Housing Type: Plug
Connector System: Cable-to-Board

Connector Mounting Type: Board Mount

Connector Shell Size: 1

Features

Product Type Features

Connector & Housing Type	Plug
Connector System	Cable-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

Contact Features

Contact Shape & Form	Straight
Contact Current Rating (Max)	2 A
Contact Options	Installed

Termination Features

Termination Method to PCB	Through Hole - Solder



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	
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: 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	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



Customers Also Bought





















Documents

Product Drawings

AMPL PLUG HD20, R/A, 9P, B/L,4-40 S/LOCK

English

CAD Files

Customer View Model ENG_CVM_CVM_2301843-2_B1.2d_dxf.zip 9 Position D-Shaped Connector, Plug, Cable-to-Board, Board Mount, 1 Shell Size, 2.77 mm [.109 in] Centerline, Printed Circuit Board



English

Customer View Model

ENG_CVM_CVM_2301843-2_B1.3d_igs.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2301843-2_B1.3d_stp.zip

English

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Product Specifications

Application Specification

English