



Connectors > D-Shaped Connectors



Number of Positions: 25

Connector & Housing Type: Receptacle

Connector System: Wire-to-Board

Connector Mounting Type: Board Mount

Connector Shell Size: 3

Features

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Connector Shell Size	3
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Rows	2
Number of Positions	25

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
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Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Diameter	.6 mm[.023 in]

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

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

Dimensions

Row-to-Row Spacing	2.84 mm[.111 in]
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Usage Conditions

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

Circuit Application	Signal
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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: JUNE 2024 (241) 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 # 2301835-1  
AMPL PLUG HD20, VERT, 25P, B/L, 4-40 INS

Customers Also Bought

TE Part #2301838-1  
AMPL REC HD20, VERT, 9P, B/L, 4-40 INS

TE Part #CAT-104MTA-NVTHH  
Nylong Vertical PCB Header: 2.54mm, Through Hole, MTA 100

TE Part #2301835-1  
AMPL PLUG HD20, VERT, 25P, B/L, 4-40 INS

TE Part #5-2176330-1  
CRGP 2010 150K 1%

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

TE Part #1803042-1  
ANVIL, SPECIAL

TE Part #1-2176747-2  
BMC-Q 0603 80R 25% Tol. UH Current

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



Documents

Product Drawings

[AMPL REC HD20, VERT, 25P, B/L,4-40 S/LOC](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2301841-2\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2301841-2\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2301841-2\\_B.3d\\_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English