

1-338310-2  ACTIVE

AMPLIMITE | AMPLIMITE HDP-20

TE Internal #: 1-338310-2

Plug, Cable-to-Board, 15 Position, 2.74 mm [.108 in] Centerline, 2

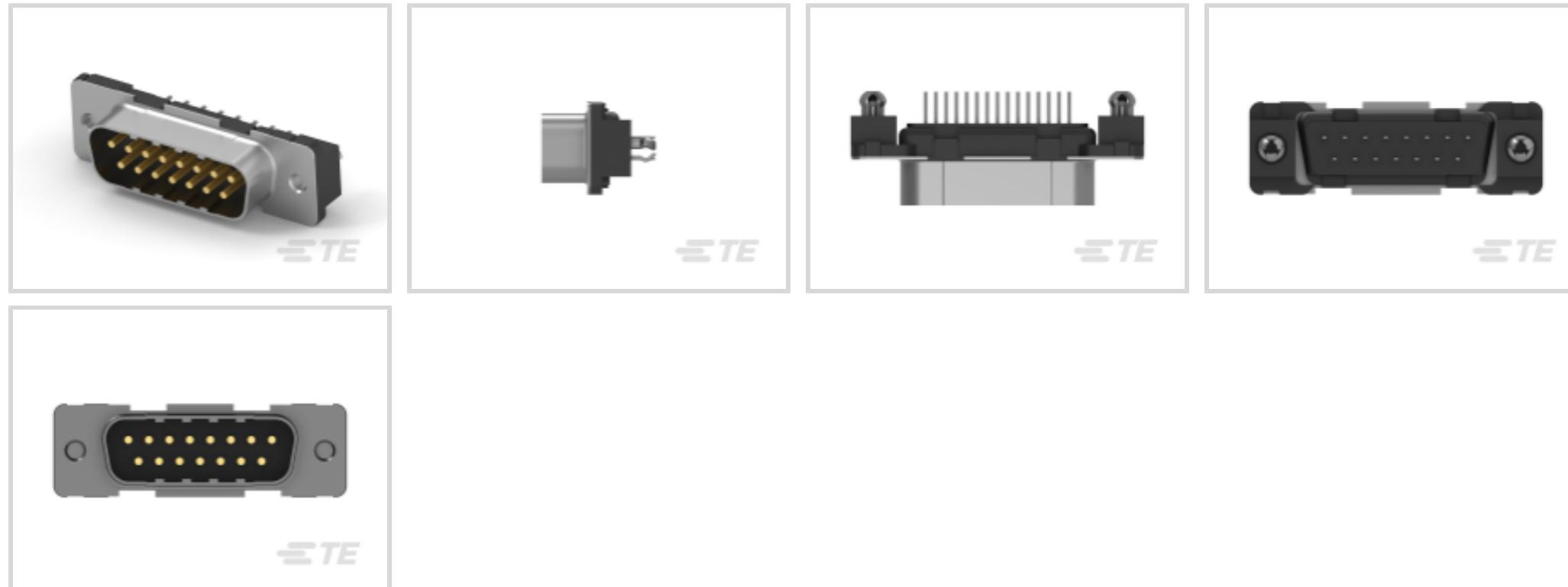
Row, Shell Size 2, Round, Standard Profile, AMPLIMITE HDP-20,

PCB D-Sub Connectors

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Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Plug Assembly: Standard, Vertical, Shell Size 2, 2.74mm



Connector & Housing Type: **Plug**

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

Number of Positions: **15**

Centerline (Pitch): **2.74 mm [.108 in]**

Number of Rows: **2**

[All D-Sub Plug Assembly: Standard, Vertical, Shell Size 2, 2.74mm \(27\)](#)

Features

Industry Standards

UL Flammability Rating **UL 94V-0**

Compatible With Approved Standards Products **DIN 41652**

Termination Features

Rectangular Termination Post & Tail Width **.45 mm [.017 in]**

Rectangular Termination Post & Tail Thickness **.32 mm [.012 in]**

Termination Method to PCB **Through Hole - Solder**

Termination Post & Tail Length **3.2 mm [.126 in]**

Packaging Features

Packaging Quantity **45**

Packaging Method **Tray**

Operation/Application

Durability Rating **200 Cycles**

Shielded	No
Circuit Application	Signal

Mechanical Attachment

Mounting Hole Diameter	5 mm
Assembly Process Feature Plating Material	Tin
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Threaded Insert, 4-40 UNC
Connector Mounting Type	Board Mount

Body Features

Assembly Process Feature Material	Phosphor Bronze
Shell Plating Material	Tin
Primary Product Color	Black
Connector Profile	Standard

Contact Features

Contact Underplating Material	Nickel
	30 μ in
Contact Options	Installed
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Shape & Form	Round
Contact Current Rating (Max)	6 A

Dimensions

PCB Thickness (Recommended)	1.6 mm [.063 in]
Row-to-Row Spacing	2.84 mm [.112 in]

Housing Features

Housing Material	Glass-Filled Polyester
Shell Material	Steel
Centerline (Pitch)	2.74 mm [.108 in]

Product Type Features

Shell Material Configuration	Front Metal Shell
Connector & Housing Type	Plug
Connector System	Cable-to-Board
Connector Shell Size	2
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	15
Number of Rows	2
PCB Mount Orientation	Vertical

Usage Conditions

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

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

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	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (.35% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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



TE Part # CAT-AM7-253
IDC D-Sub: Receptacle Assembly, Low Profile, Signal, 2.77 mm



TE Part # CAT-AM7-248H8
IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.74 mm

Also in the Series | AMPLIMITE HDP-20



Connector Hardware(9)



PCB D-Sub Connectors(13)

Customers Also Bought



TE Part #281792-3
PLUG HE14 IDC 180 2X3 P AWG 28-26



TE Part #2-1879461-2
RL73H 2A R10 1% 1K RL



TE Part #4-1879214-5
CPF 0402 953R 0.1% 25PPM 1K RL



TE Part #182917-1
CPC SQ.FL.RCPT STD SEX



TE Part #2-2013297-1
EMBOSSTAPE DDR3 204P 8H STD



TE Part #8-2176091-7
RP 2A 0.25W 475R 0.1% 25PPM 1K RL



TE Part #5-146130-4
10 MODII HDR DRST SFMNT B/A LF



TE Part #4-1879267-7
RP 2B 976K 0.1% 15PPM 1K RL



Documents

Product Drawings

15POS.HD20 PLUG ASS'Y

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-338310-2_D.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-338310-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-338310-2_D.3d_stp.zip](#)

English

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