1-338311-2 ✔ ACTIVE

AMPLIMITE | AMPLIMITE HDP-20

TE Internal #: 1-338311-2

25 Position D-Shaped Connector, Plug, Cable-to-Board, Board Mount, Shell Size 3, 2.74 mm [.108 in] Centerline, Printed Circuit Board, AMPLIMITE HDP-20

View on TE.com >

Connectors > D-Shaped Connectors > D-Sub Plug Assembly: Vertical, Shell Size 3, 2.74mm







Number of Positions: **25**

Connector & Housing Type: **Plug**

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

Connector Mounting Type: **Board Mount**

Connector Shell Size: **3**

All D-Sub Plug Assembly: Vertical, Shell Size 3, 2.74mm (28)

Features

Product Type Features

Shell Material Configuration	Front Metal Shell
Connector & Housing Type	Plug
Connector System	Cable-to-Board
Connector Shell Size	3
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

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

Body Features

Assembly Process Feature Material	Phosphor Bronze
Shell Plating Material	Tin

Primary Product Color	Black
Connector Profile	Standard

Contact Features

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

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]

Mechanical Attachment

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

Housing Features

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

Dimensions

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

Usage Conditions

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

Operation/Application

Durability Rating	200 Cycles
Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	DIN 41652

Packaging Features

Packaging Quantity	30
Packaging Method	Tray

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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-AM7-248H5
IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.77 mm



TE Part # 1-747947-5
KIT,RCPT,25P,HDE,SHLD ENCLSRE

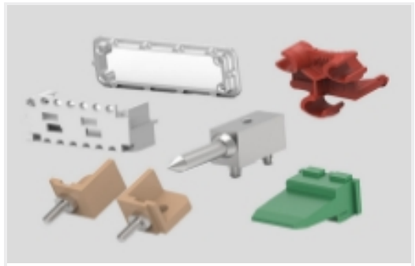


TE Part # 747548-8
KIT,RCPT,25P,HDE,SHLD HDWRE

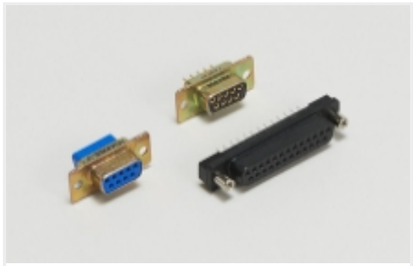


TE Part # CAT-AM7-253
IDC D-Sub: Receptacle Assembly, Low Profile, Signal, 2.77 mm

Also in the Series | AMPLIMITE HDP-20



Connector Hardware(7)

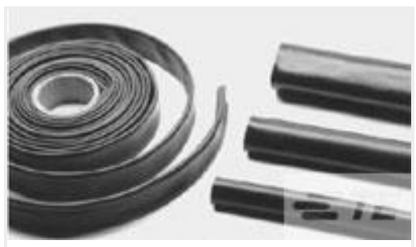


D-Shaped Connectors(18)



PCB D-Sub Connectors(18)

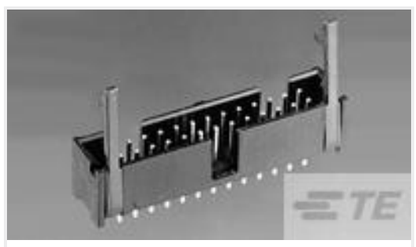
Customers Also Bought



TE Part #CB5060-000
BSTS-20X4



TE Part #NB14734001
VERSAFIT-5/8-0-SP



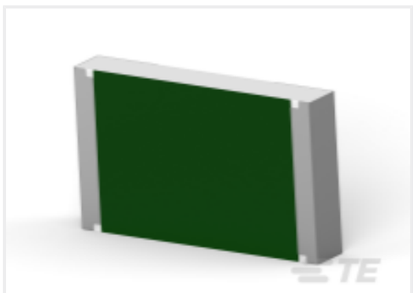
TE Part #2-1761609-6
IDC LOW PRO HDR 16P RA SHT LAT



TE Part #2007215-1
SFP+ 1x1 Cage Assy, PCI, Press



TE Part #6-2176330-1
CRGP 2010 1M0 1%



TE Part #9-2176400-7
3540 10K 1%



TE Part #2204273-1
IN-LINE MOUNT 500A BUSBAR CONN.



TE Part #3-5177986-4
0.8FH,P08H.5,100,08/Sn,TR,SC



TE Part #5-5179180-4
0.8FH,R09H.5,100,08/Sn,TR,SC



TE Part #5227161-2
RTANG JK W/MTG PINS, BNC PCB

Documents

Product Drawings

25POS.HD20 PLUG ASS

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-338311-2_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-338311-2_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-338311-2_E.3d_stp.zip

English

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