



Connectors > D-Shaped Connectors > IDC D-Sub: Plug Assembly, Low Profile, Signal, 2.77 mm



Number of Positions: 25

Connector & Housing Type: Plug

Connector System: Cable-to-Cable

Connector Mounting Type: Cable Mount (Free-Hanging)

Connector Shell Size: 3

All IDC D-Sub: Plug Assembly, Low Profile, Signal, 2.77 mm (17)

Features

Product Type Features

Ground Feature Type	Grounding Indents
Connector Product Type	Connector Assembly
Shell Material Configuration	Front Metal Shell
Connector & Housing Type	Plug
Connector System	Cable-to-Cable
Connector Shell Size	3
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Ribbon Cable
Number of Rows	2
Number of Positions	25

Body Features

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Shell Plating Finish	Bright
Cover Material	Thermoplastic
Shell Plating Material	Tin
Cable Exit Angle	180°
Mating Retention Feature Material	Steel
Ribbon Cable Centerline Spacing	1.27 mm[.05 in]
Connector Profile	Low

Contact Features

Contact Underplating Material	Nickel
Contact Size	Size 20
Wire Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Type	Pin
Contact Current Rating (Max)	1.25 A
Contact Options	Installed

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

Mating Retention Type	Threaded Insert, 4-40 UNC
Mating Retention Feature Plating Material	Zinc
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Thermoplastic
Shell Material	Steel
Centerline (Pitch)	2.77 mm[.055 in]

Dimensions

Accepts Cable Insulation Diameter Range	.81 – .97 mm[.032 – .038 in]
Solid Wire Size	.1 – .13 mm²
Wire Size	28 – 26 AWG

Usage Conditions

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

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	40
Packaging Method	Tube

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



TE Part # 768340-1
UNIV HAND TOOL KIT AMPLATCH



TE Part # 8-338315-2
25P.HDP20 REC.ASSY



TE Part # CAT-025-DRAVS3277
D-Sub Receptacle Assembly: Vertical, Shell Size 3, 2.77mm



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



TE Part # 7-1393740-2
V42254A2216B225=SUB D FEDERLEI



TE Part # CAT-AM7-248H5
IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.77 mm



TE Part # 7-338315-2
25POS.HD20 REC.ASSY



TE Part # 9-338315-2
25POS.HD20 REC.ASSY



TE Part # 5748441-2
25 RCPT ACT PIN/MS(GRD SHLD)



TE Part # CAT-023-DRARS3277
D-Sub Receptacle Assembly: Right Angle, Shell Size 3, 2.77mm



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

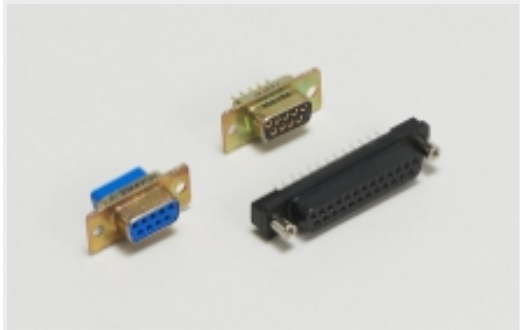
Also in the Series | **AMPLIMITE HDF**



Connector Hardware(3)



Connector Strain Relief(5)



D-Shaped Connectors(36)



IDC D-Sub Connectors(36)

Customers Also Bought



TE Part #1SNA115141R1000
M35/26.F



TE Part #1658613-1
37 POS HDF PLUG, MS, LEAD FREE



TE Part #6-1676915-2
YR1 0.1% 11K3



TE Part #1676913-4
YR1 0.1% 1K13



TE Part #5-103171-4
MOD IV RECP PLTD 30 DPLX LF

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

TE Part #1-1879665-1
H8 15K8 0.1% 15PPM

TE Part #1337815-1
50 OHM COAX SMB STR PLUG STR P

TE Part #800469-SF
FN350-12-29

Documents

Product Drawings

25 POS HDF PLUG, MS, LEAD FREE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1658613-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1658613-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1658613-2_A.3d_stp.zip

English

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Datasheets & Catalog Pages

AMPLIMITE Subminiature D Connectors - Cable Connectors

English

AMPLIMITE Cable Connectors and Shielding Hardware Kits QRG

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Product Specifications

Product Specification

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Product Specification

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Agency Approvals

CSA Certificate

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