



Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors > IDC D-Sub: Connector Kit, Plug, Wire to Wire, Signal, 2.77 mm



Connector & Housing Type: **Plug**

Solid Wire Size: **.13 – .32 mm²**

Shielded: **Yes**

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

[All IDC D-Sub: Connector Kit, Plug, Wire to Wire, Signal, 2.77 mm \(17\)](#)

Features

Industry Standards

UL Flammability Rating	UL 94V-0
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Body Features

Shield Plating Material	Tin
Insert Material	Thermoplastic
Shield Material	Steel
Shell Plating Material	Tin
Cable Exit Angle	180°
Mating Retention Feature Material	Zinc Alloy

Packaging Features

Packaging Quantity	1
Packaging Method	Package



Mechanical Attachment

Mating Retention Type	Jackscrew
Thread Size	4-40
Mating Retention	With
Wire Insulation Support	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material	Tin
Contact Options	Installed
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Type	Pin
Contact Size	Size 20
Contact Current Rating (Max)	5 A

Housing Features

Shell Material	Steel
Centerline (Pitch)	2.77 mm[.109 in]

Operation/Application

Circuit Application	Signal
Shielded	Yes

Dimensions

Accepts Cable Insulation Diameter Range	5.51 – 11.05 mm[.217 – .435 in]
Compatible Insulation Diameter Range	1.52 mm[.06 in]
Accepts Cable Diameter (Max)	11.05 mm[.435 in]
Solid Wire Size	.13 – .32 mm²
Wire Size	26 – 22 AWG

Product Type Features

Ground Feature Type	Grounding Indents
Shell Material Configuration	Front Metal Shell
Connector & Housing Type	Plug



Connector System	Cable-to-Cable
Connector Product Type	Connector Kit
Connector Shell Size	3
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	25
Number of Rows	2
Compatible With Wire & Cable Type	Discrete Wire, Round Jacketed Cable

Usage Conditions

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

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) 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 # 7-338315-2
25POS.HD20 REC.ASSY



TE Part # 608868-1
HDE HT PKG FOR SUB D



TE Part # 8-1393480-3
V23529B1223B225=SUB D FEDERLEI



TE Part # 3-1393480-0
V23529B1122B225=SUB D FEDERLEI



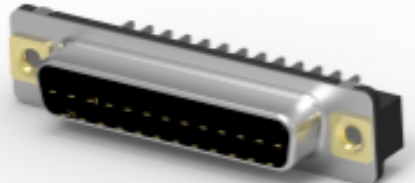
TE Part # 9-338315-2
25POS.HD20 REC.ASSY



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



TE Part # CAT-AM7-248H6
IDC D-Sub: Receptacle Kit, Wire to Wire, Signal, 2.74 mm



TE Part # CAT-026-RAVSAP3277
D-Sub Receptacle Assembly: Vertical, Action Pin, Shell Size 3, 2.77mm



TE Part # 58074-1
MTA 50/100/156 MANUAL TOOL FRAME



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



TE Part # 1-1393480-9
V23529B1121B225=SUB D FEDERLEI



TE Part # 9-1393480-2
V23529B1224B225=SUB D FEDERLEI



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



Also in the Series | **AMPLIMITE HDE**

Connector Contacts(13)	Crimp D-Sub Connectors(1)	IDC D-Sub Connectors(74)	Insertion & Extraction Tools(2)

Customers Also Bought

TE Part #293973-000 TXR40AB00-1612AI	TE Part #690189-000 TXR40AC00-1006AI	TE Part #321828 TERMINAL,SOLIS R 14-12 10	TE Part #950825-000 TXR40AB90-2210AI
TE Part #283879-000 TXR40AB90-0804AI	TE Part #955477-000 D-181-1224-90/9	TE Part #494203-000 MTCP-122-20S	TE Part #206804-2 PLUG ASSY,50 POSN,AMPLIMITE
TE Part #206805-2 AMPLIMITE RECEPT ASY,50 POS,	TE Part #BJE42 MODULE ASSY		

Documents

Product Drawings
KIT,PLUG,25P,HDE,SHLD ENCLSRE
English

CAD Files
3D PDF
3D



Customer View Model

[ENG_CVM_CVM_1-747948-6_N_c-1-747948-6-n.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-747948-6_N_c-1-747948-6-n.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-747948-6_N_c-1-747948-6-n.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[AMPLIMITE Subminiature D Connectors - Cable Connectors](#)

English

[AMPLIMITE Cable Connectors and Shielding Hardware Kits QRG](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[UL Report](#)

English