



Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors > IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.77 mm



Connector & Housing Type: **Receptacle**

Solid Wire Size: **26 – 22 AWG**

Shielded: **No**

Connector System: **Wire-to-Wire**

Number of Positions: **37**

[All IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.77 mm \(10\)](#)

Features

Product Type Features

Shell Material Configuration	Full Metal Shell
Connector & Housing Type	Receptacle
Connector System	Wire-to-Wire
Connector Product Type	Connector Assembly
Connector Shell Size	4
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	37
Number of Rows	2
Compatible With Wire & Cable Type	Discrete Wire, Round Jacketed Cable

Body Features

Shell Plating Material	Tin
Cable Exit Angle	180°
Insert Material	Thermoplastic

Contact Features

Contact Type	Socket
Contact Options	Installed



Contact Size	Size 20
Contact Current Rating (Max)	2.4 A

Termination Features

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

Mating Retention	With
Mating Retention Type	Mounting Holes
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Shell Material	Steel
Centerline (Pitch)	1.38 mm[.054 in]

Dimensions

Solid Wire Size	26 – 22 AWG
Wire Size	26 – 22 AWG

Usage Conditions

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

Circuit Application	Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Package
Packaging Quantity	56

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)



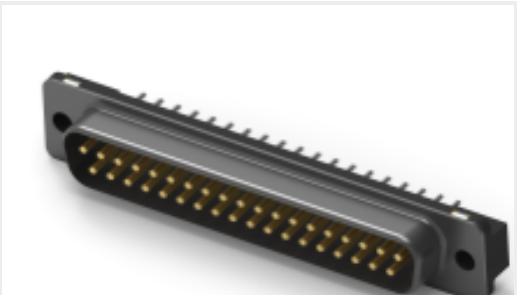
Candidate List Declared Against: JAN 2025
(247)
Does not contain REACH SVHC

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 # 2-5745174-7 CABLE CLAMP KIT, SZ 4	 TE Part # 5745174-2 CABLE CLAMP KIT, SZ 4, 575	 TE Part # 5748676-4 DIE CAST CBL CLMP KIT, SZ 4	 TE Part # 5747375-2 37 PLUG SP/FMS STD
 TE Part # 1-745498-7 PLUG ASSY, 37P, HDE, MS	 TE Part # 1-747950-6 KIT, PLUG, 37P, HDE, SHLD ENCLSRE	 TE Part # 5747100-1 CABLE CLAMP KIT, SZ 4	 TE Part # 747562-2 OVERMOLD, RCPT SUBASSY, 37 POS
 TE Part # 5745174-1 CABLE CLAMP KIT, SZ 4	 TE Part # 5745174-3 CABLE CLAMP KIT, SZ 4, 500	 TE Part # 5745174-5 CABLE CLAMP KIT, SZ 4	 TE Part # 5745174-4 CABLE CLAMP KIT, SZ 4, 425



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

TE Part # CAT-023-DPARS4274
D-Sub Plug Assembly: Standard, Right Angle, Shell Size 4, 2.74mm

TE Part # 5747100-3
CABLE CLAMP KIT,SZ 4

TE Part # 5747100-7
CABLE CLAMP KIT,SZ 4

TE Part # 5748677-4
PLTD PLST CBL CLMP KIT,SZ 4

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

Also in the Series | **AMPLIMITE HDE**

Connector Contacts(13)

Crimp D-Sub Connectors(1)

IDC D-Sub Connectors(56)

Insertion & Extraction Tools(2)

Customers Also Bought

TE Part #4-1393117-8
KUP-11D15-5=KU

TE Part #5-103957-1
10X2 MTE RCPT SR LATCH .100CL

Documents

Product Drawings
[RCPT ASSY,37P,HDE,MS](#)

English

CAD Files
Customer View Model
[ENG_CVM_1-745497-7_N2.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_1-745497-7_N2.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-745497-7_N2.3d_stp.zip](#)

English

3D PDF

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

Instruction Sheets

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

English