



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: **22 – 20 AWG**
Shielded: **No**
Connector System: **Wire-to-Wire**
Number of Positions: **25**

[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	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

Body Features

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

Contact Features

	30 μin
Contact Type	Socket



Contact Options	Installed
Contact Size	Size 20
Contact Current Rating (Max)	3 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)	2.77 mm[.055 in]

Dimensions

Solid Wire Size	22 – 20 AWG
Wire Size	22 – 20 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	84

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 # 5745173-1
CABLE CLAMP KIT, SZ 3



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



TE Part # 5748678-3
2 PC PLST CBL CLMP KIT



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



TE Part # CAT-025-DPAVS3274
D-Sub Plug Assembly: Vertical, Shell Size 3, 2.74mm



TE Part # 5788795-1
25 HTMSFL PLUG RA 318 (SL,BL)



TE Part # 745530-3
25 POS COVER KIT



TE Part # CAT-AM7-248H3
IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm



TE Part # 7-338311-2
25POS.HD20 PLUG ASS



TE Part # CAT-AM7-H3
IDC D-Sub: Plug Assembly, Low Profile, Signal, 2.77 mm



TE Part # CAT-023-DPARS3274
D-Sub Plug Assembly: Standard, Right Angle, Shell Size 3, 2.74mm



TE Part # 745488-1
25 HDE MS PLUG SUB-ASSY

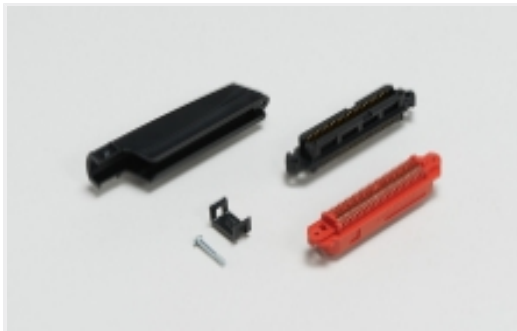
Also in the Series | **AMPLIMITE HDE**



Connector Contacts(13)



Crimp D-Sub Connectors(1)

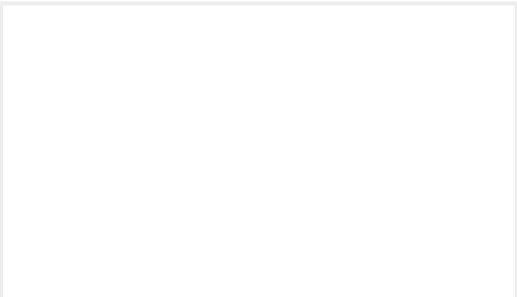


IDC D-Sub Connectors(56)



Insertion & Extraction Tools(2)

Customers Also Bought



TE Part #POE-18I
POE,Inj,18V,16W



TE Part #172234-1
3P MINI UNIVERSAL MATE-N-LOK CAP HOUSING



TE Part #1-6609021-1
20VB1=F7130 S0



TE Part #5103308-8
A/L LOW PRO HDR 40P VERT BLACK



TE Part #1-480701-0
03P UMNL CAP HSG NATL



TE Part #6609038-2
20VP6=F7811 S0



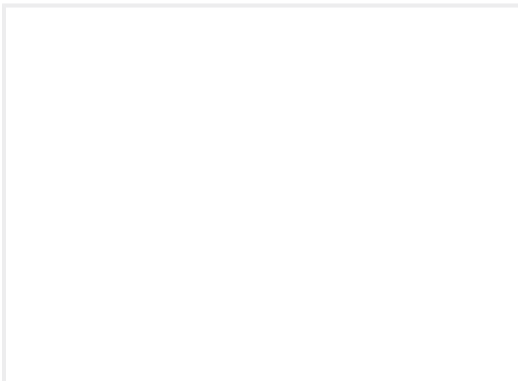
TE Part #2106136-2
Assembly, Receptacle, 2-Position



TE Part #320559
PIDG SPLICE 22-16COMM 22-18MIL



TE Part #2213782-2
UNIVERSAL MATE-N-LOK 2-PSN WIRE SEAL



TE Part #2106117-2
Header, Vertical TH Header, 2-Position



Documents

Product Drawings

25 HDE MS RCPT,20-22,LEAD FREE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-745495-9_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-745495-9_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-745495-9_P.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

Instruction Sheets

Instruction Sheet (U.S.)

English