



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



Connector & Housing Type: **Plug**

Solid Wire Size: **30 – 26 AWG**

Shielded: **No**

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

Number of Positions: **25**

[All IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm \(20\)](#)

Features

Product Type Features

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

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

Contact Features

Contact Type	Pin
Wire Contact Termination Area Plating Material Finish	Matte
Contact Options	Installed
Contact Size	Size 20
Contact Current Rating (Max)	1.5 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	30 – 26 AWG
Wire Size	30 – 26 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: 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 # 7-338315-2
25POS.HD20 REC.ASSY



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



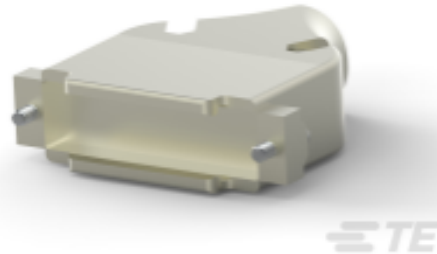
TE Part # 5748441-2
25 RCPT ACT PIN/MS(GRD SHLD)



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



TE Part # 5745173-1
CABLE CLAMP KIT,SZ 3



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



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



TE Part # 5-747913-2
25 Rcpt Solder Cup, Gold Flash



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



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



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



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



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



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

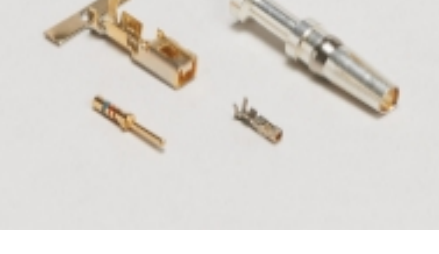


TE Part # CAT-AM7-248H5
IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.77 mm



TE Part # 745530-3
25 POS COVER KIT

Also in the Series | **AMPLIMITE HDE**



Connector Contacts(13)



Crimp D-Sub Connectors(1)



IDC D-Sub Connectors(56)

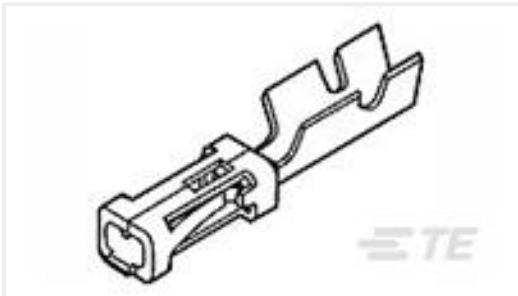


Insertion & Extraction Tools(2)

Customers Also Bought



TE Part #211399-1
CPC PLUG ASSEMBLY SIZE 13-7



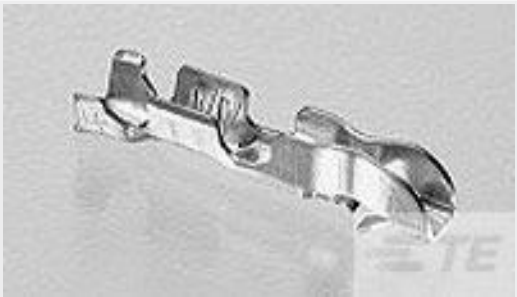
TE Part #87666-5
MOD IV RECP PLTD 15 SEL



TE Part #2-456407-5
CRIMPER, WIRE .100 "F"



TE Part #102387-7
30 MODIV HSG COMP DR .100 POL



TE Part #170263-2
E.I.S. CONTACT



TE Part #66099-4
III+ PIN, 1-16, 30AU/FL, LP



TE Part #CAT-SU763-H342
SUPERSEAL Connector Headers: 1.0 mm



TE Part #208714-1
CMC PLUG ASSEMBLY, SZ 14-7



TE Part #208715-1
RECEPT ASSY, SZ 14-7, CMC

Documents

Product Drawings
PLUG ASSY,25P,HDE,MS

English

CAD Files
3D PDF

English

Customer View Model
ENG_CVM_1-745496-9_T.2d_dxf.zip

English

Customer View Model
ENG_CVM_1-745496-9_T.3d_igs.zip

English

Customer View Model
ENG_CVM_1-745496-9_T.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](#)

English

[Product Specifications](#)

[Application Specification](#)

English

[Instruction Sheets](#)

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

English

[Agency Approvals](#)

[CSA Certificate](#)

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