



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



Connector & Housing Type: **Plug**

Solid Wire Size: **28 – 26 AWG**

Shielded: **No**

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

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

Features

Product Type Features

Connector & Housing Type	Plug
Connector System	Cable-to-Cable
Connector Product Type	Connector Assembly
Connector Shell Size	1
Connector & Contact Terminates To	Wire & Cable
Ground Feature Type	Grounding Indents
Shell Material Configuration	Front Metal Shell

Dimensions

Solid Wire Size	28 – 26 AWG
Wire Size	.08 – .15 mm²
Accepts Cable Insulation Diameter Range	.81 – .97 mm [.032 – .038 in]

Operation/Application

Shielded	No
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Circuit Application	Signal
Configuration Features	
Number of Positions	9
Number of Rows	2
Compatible With Wire & Cable Type	Ribbon Cable
Housing Features	
Centerline (Pitch)	2.77 mm[.055 in]
Housing Material	Thermoplastic
Shell Material	Steel
Contact Features	
Contact Size	Size 20
Contact Current Rating (Max)	1.25 A
Contact Underplating Material	Nickel
Wire Contact Termination Area Plating Material	Tin
Contact Options	Installed
Contact Base Material	Phosphor Bronze
Contact Type	Pin
Mechanical Attachment	
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention Type	Threaded Insert, 4-40 UNC
Mating Retention Feature Plating Material	Zinc
Mating Retention	With
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Other	
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Body Features	
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

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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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: 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



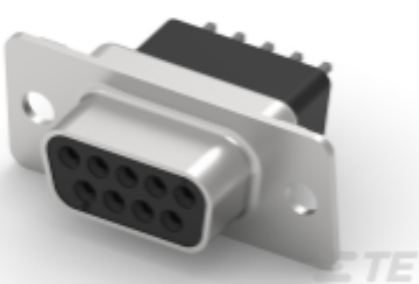
TE Part # CAT-AM7-248H6
IDC D-Sub: Receptacle Kit, Wire to Wire, Signal, 2.74 mm



TE Part # CAT-023-DRARS1274
D-Sub Receptacle Assembly: Right Angle, Shell Size 1, 2.74mm



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



TE Part # CAT-025-DRAVS1274
D-Sub Receptacle Assembly: Vertical, Shell Size 1, 2.74mm



TE Part # CAT-AM7-248H8
IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.74 mm



TE Part # 747516-7
09 HDE PMOLD RCPT, LEAD FREE



TE Part # 5745183-1
09 RCPT SP/MS STD



TE Part # 5745183-3
09 RCPT SP/MS STD



TE Part # CAT-979-DRARE274
D-Sub Receptacle Assembly: Eurostyle, Right Angle, 2.74mm



TE Part # CAT-026-RAVSAP1274
D-Sub Receptacle Assembly: Vertical, Action Pin, Shell Size 1, 2.74mm



TE Part # 2-1393480-8
V23529B1122B209=SUB D FEDERLEI



TE Part # 8-1393483-7
V42254A2115B209=SUB D FEDERLEI



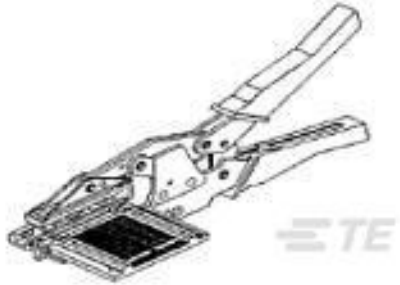
TE Part # 7-338313-2
9POS.HD-20 REC.ASSY



TE Part # 8-338313-2
9POS.HD-20 REC.ASSY



TE Part # 9-338313-2
9POS.HD-20 REC.ASSY



TE Part # 768340-1
UNIV HAND TOOL KIT AMPLATCH



TE Part # 2-1393740-8
V42254A2214B209=SUB D FEDERLEI

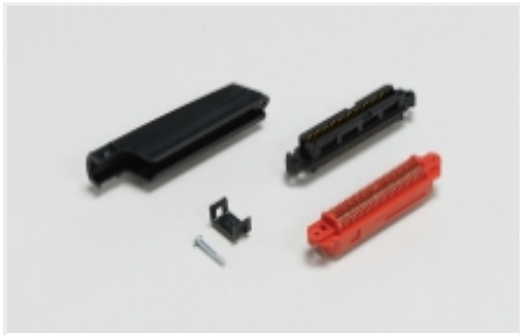
Also in the Series | **AMPLIMITE HDF**



Connector Hardware(3)



Connector Strain Relief(5)



IDC D-Sub Connectors(36)

Customers Also Bought



TE Part #2-1375820-4
CST-100 II HOUSING 24 POS



TE Part #8819823001
55A0131-20-0/2/9



TE Part #1415366-1
PT5S7SB5



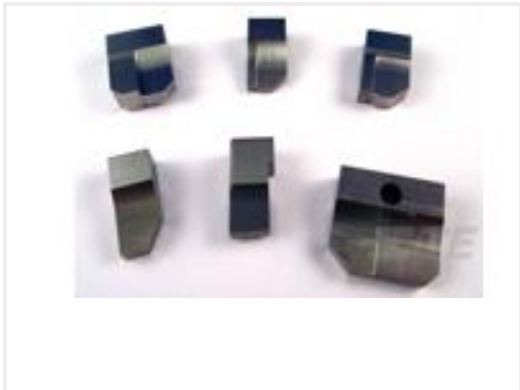
TE Part #NB14614001
VERSAFIT-3/8-9-SP



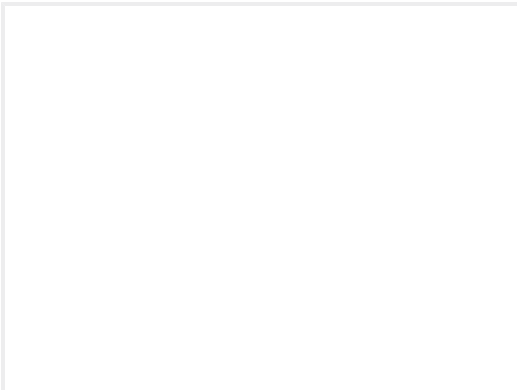
TE Part #EL93382001
VERSAFIT-3/16-9-STK



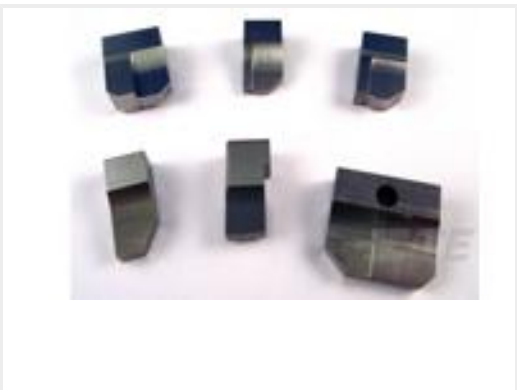
TE Part #3-683453-8
CRIMP,INS (110F X 060THK)



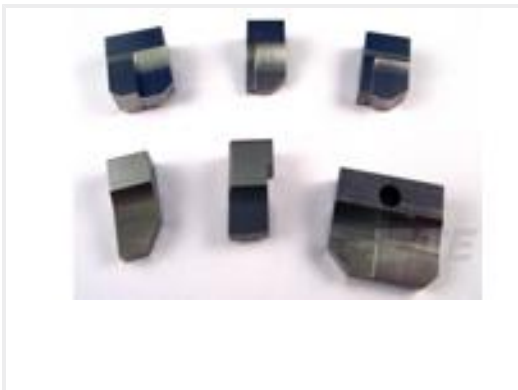
TE Part #2-662188-3
ANVIL,COMBINATION .100



TE Part #429445-8-33PN
HERM.REC.SLD.MNT. + FERRITES



TE Part #6-854014-1
ANVIL, COMBINATION



TE Part #6-854014-4
ANVIL, COMB. (.062X.106)

Documents

Product Drawings

09 POS HDF PLUG, MS, LEAD FREE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1658613-4_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1658613-4_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1658613-4_A.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](#)

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Product Specifications

[Product Specification](#)

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Agency Approvals

[CSA Certificate](#)

English