



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: .1 – .13 mm²

Shielded: **No**

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

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

Features

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Termination Features

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

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

Packaging Features

Packaging Quantity	40
--------------------	----



Packaging Method	Tube
Mechanical Attachment	
Mating Retention Type	Threaded Insert, 4-40 UNC
Mating Retention Feature Plating Material	Zinc
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Contact Features	
Contact Underplating Material	Nickel
Wire Contact Termination Area Plating Material	Tin
Contact Options	Installed
Contact Base Material	Phosphor Bronze
Contact Type	Pin
Contact Size	Size 20
Contact Current Rating (Max)	1.25 A
Housing Features	
Housing Material	Thermoplastic
Shell Material	Steel
Centerline (Pitch)	2.77 mm[.055 in]
Operation/Application	
Circuit Application	Signal
Shielded	No
Dimensions	
Accepts Cable Insulation Diameter Range	.81 – .97 mm[.032 – .038 in]
Solid Wire Size	.1 – .13 mm²
Wire Size	28 – 26 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 Assembly
Connector Shell Size	1



Connector & Contact Terminates To	Wire & Cable
-----------------------------------	--------------

Configuration Features

Number of Positions	9
Number of Rows	2
Compatible With Wire & Cable Type	Ribbon Cable

Usage Conditions

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

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

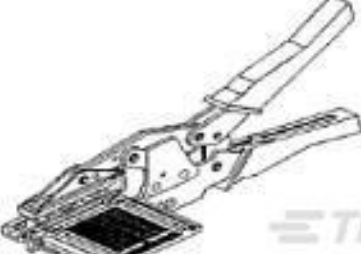
Product Compliance Disclaimer

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>

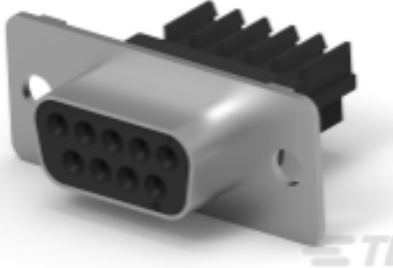
Compatible Parts



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



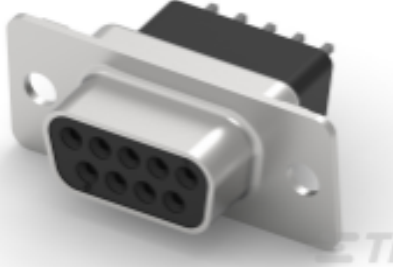
TE Part # 768340-1
UNIV HAND TOOL KIT AMPLATCH



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



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



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



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



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



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



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



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



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 # 5745183-3
09 RCPT SP/MS STD

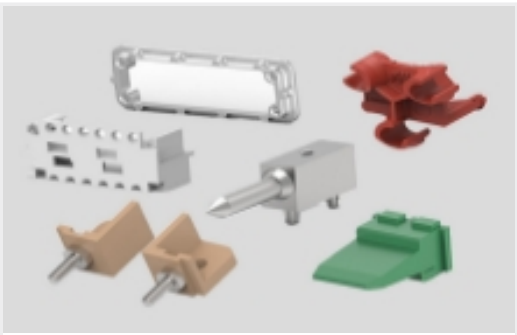


TE Part # 8-338313-2
9POS.HD-20 REC.ASSY



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

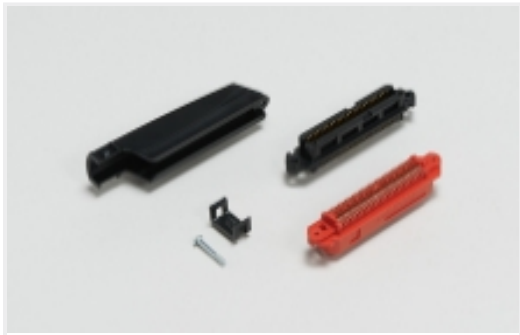
Also in the Series | **AMPLIMITE HDF**



Connector Hardware(3)



Connector Strain Relief(5)



IDC D-Sub Connectors(36)

Customers Also Bought



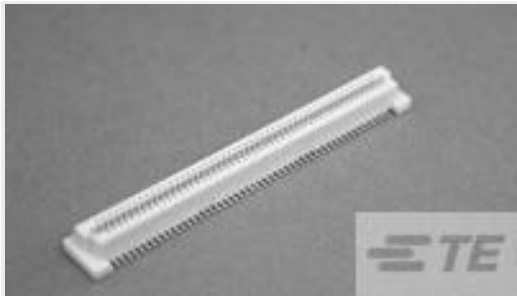
TE Part #1658606-1
50 POS HDF RCPT, MS, LEAD FREE



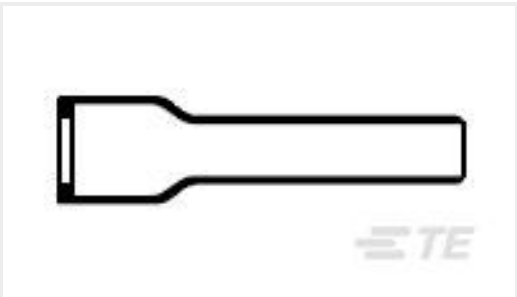
TE Part #5-1393252-5
W67-X2Q12-10=M6/M7/M9/W6/W7



TE Part #746785-1
50 POS STR RLF, LOW PROFILE



TE Part #1735482-5
0.8FH, R17H.5, 120, 08/Sn, TR, SC



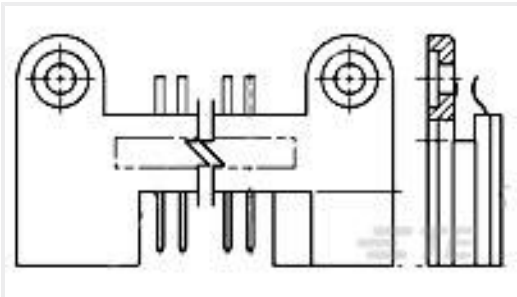
TE Part #814635-000
202D285-4-0



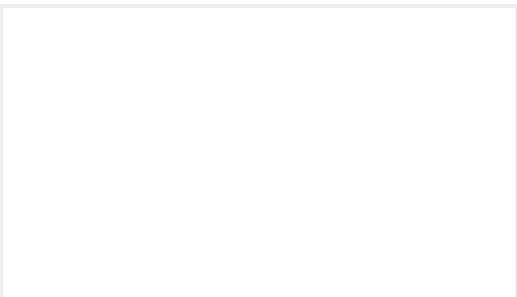
TE Part #2321342-6
TAB0.5X0.4, NANO MS, NANOMULTISPRING INDIU



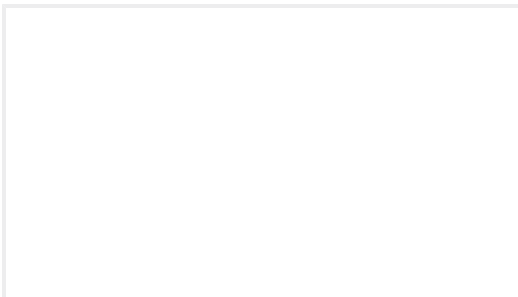
TE Part #ASA055N00400235000
623 PLUG



TE Part #1-530761-1
BOX PIN HDR 40 POS 100 C/L



TE Part #6-1768384-4
LBF-A1203109 <=> 203109



TE Part #HEC429N00000501000
723 htec extension, speedtec

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](#)

English

Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English

Agency Approvals

[CSA Certificate](#)

English