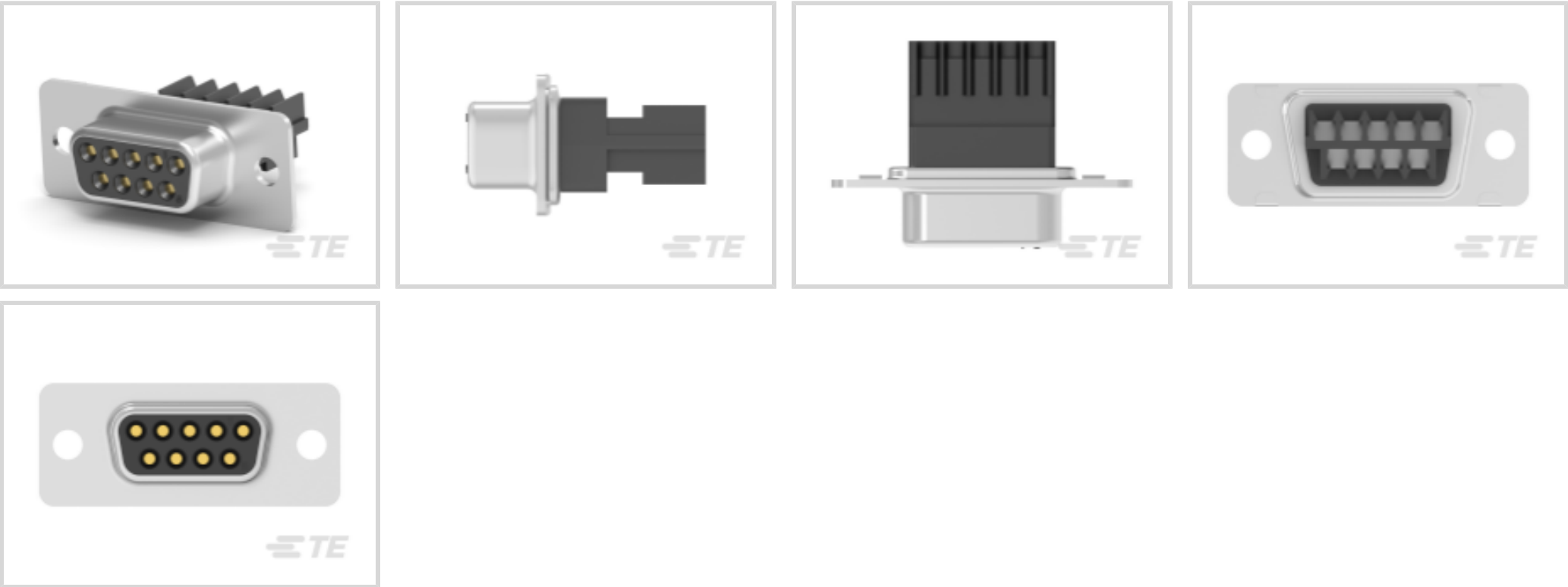




Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors > IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.74 mm



Connector & Housing Type: **Receptacle**

Shielded: **Yes**

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

Number of Positions: **9**

Centerline (Pitch): **2.74 mm [.108 in]**

[All IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.74 mm \(9\)](#)

Features

Product Type Features

Grade	Standard
Grounding Indents	Without
Shell Type	Full Metal Shell
Connector & Housing Type	Receptacle
Connector System	Wire-to-Wire
Connector Product Type	Connector Assembly
D-Sub Shell Size	1
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	9
Number of Rows	2
Compatible With Wire & Cable Type	Discrete Wire, Round Jacketed Cable



Body Features

Color	Black
Shell Material	Steel
Insert Material	Thermoplastic
Shell Plating Material	Tin

Contact Features

Contact Type	Socket
	30 μin
D-Sub Contact Size	20

Mechanical Attachment

Mating Connector Lock	With
Mounting Angle	Straight
Mating Connector Lock Type	Mounting Holes
Connector Mounting Type	Panel Mount

Housing Features

Enclosure	Without
Centerline (Pitch)	2.74 mm[.108 in]

Dimensions

Wire Size	.4 – .6 mm ²
-----------	-------------------------

Usage Conditions

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

Operation/Application

Shielded	Yes
----------	-----

Industry Standards

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

Packaging Features

Packaging Method	Package
Packaging Quantity	140

Other

Comment	All connectors are preloaded. Individual conductor strands should be larger than 0.13 [.005] diameter. Contacts accept a
---------	--



max. wire insulation thickness of 0.38 [.015]. HDE connectors are designed for terminating solid or stranded (7-strand max.) wire., Connectors can be made available with clinch nuts, contact AMP Incorporated, HDE connectors are designed for terminating solid or stranded (7-strand max.) wire., Individual conductor strands should be larger than 0.127 in. [.005] diameter.

Product Compliance

For compliance documentation, visit the product page on TE.com>

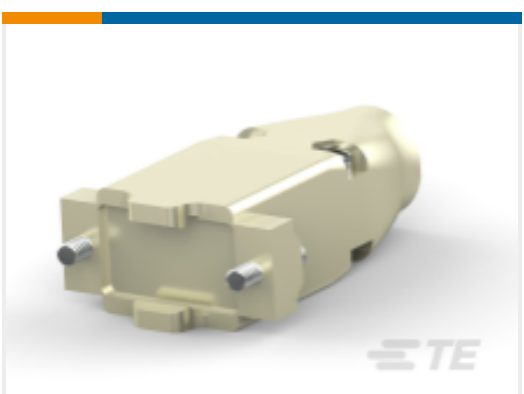
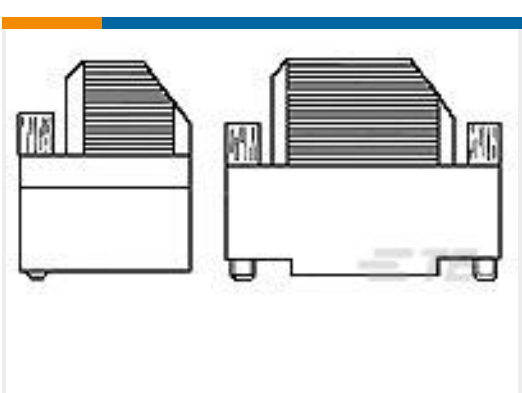
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does 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-025-DPAVS1274 D-Sub Plug Assembly: Vert, Size1, 2.74 mm	 TE Part # CAT-AM7-248H3 IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm	 TE Part # CAT-023-DPARS1274 D-Sub Plug Assembly: RA, Size 1, 2.74 mm	 TE Part # CAT-AM7-H3 IDC D-Sub: Plug Assembly, Low Profile, Signal, 2.77 mm
 TE Part # CAT-AM7-248H4 IDC D-Sub: Connector Kit, Plug, Wire to Wire, Signal, 2.77 mm	 TE Part # 58074-1 MTA 50/100/156 MANUAL TOOL FRAME	 TE Part # 2198617-9 Ni Plated Plastic Backshell, 9 Way, Str	 TE Part # 5748677-1 PLTD PLST CBL CLMP KIT,SZ 1
 TE Part # 5745854-3 CABLE CLAMP KIT,SZ 1	 TE Part # 5745171-5 AMPL CBL CLMP KIT SZ 1	 TE Part # 5748676-1 DIE CAST CBL CLMP KIT,SZ 1	 TE Part # 5745854-1 CABLE CLAMP KIT,SZ 1
 TE Part # 206509-1 SIZE 20 KEYING PLUG	 TE Part # 5745854-5 CABLE CLAMP KIT,SZ 1	 TE Part # 745547-1 HDE 20 KIT,CABLE CLAMP	 TE Part # 5745351-2 09 PLUG RA/MS STD
 TE Part # 1393738-2 V42254A6000G115=SUB D GEHAEUSE	 TE Part # 608868-1 HDE HT PKG FOR SUB D	 TE Part # 5-827189-3 9P HD-20 ST STECK	 TE Part # 7-338309-2 9P.HDP20 PLUG ASSY

Also in the Series | **AMPLIMITE HDE**



Crimp D-Sub Connectors(1)



D-Sub Connector Contacts(13)



IDC D-Sub Connectors(75)



Insertion & Extraction Tools(2)

Customers Also Bought



TE Part #1658640-1
HDP-20,RCPT,SIZE 5, 50 POSN



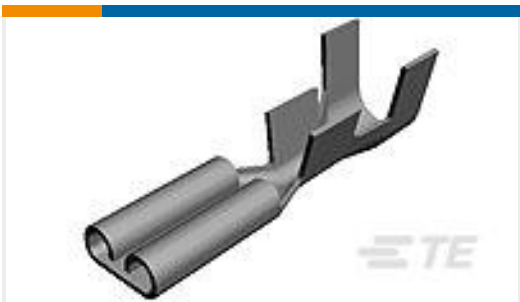
TE Part #1658539-4
PIN CONT DUPL PLT LP HD-20 AMP



TE Part #1658686-4
SOCKET CONTACT,22 DF,LP,22-28



TE Part #1658684-1
HDP-22,RCPT,SIZE 4,62 POSN



TE Part #150500-2
110 MINI FASTON,REC.,24-20 AWG, TPBR



TE Part #5748677-3
PLTD PLST CBL CLMP KIT,SZ 3



TE Part #5745171-5
AMPL CBL CLMP KIT SZ 1



TE Part #5745563-3
HD KIT,SCREWLOCK



TE Part #1-320551-1
PIDG R 22-16 COMM 22-18 MIL 8

Documents

Product Drawings
RCPT ASSY,9P,HDE,MS

English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-745491-9_M.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1-745491-9_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-745491-9_M.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

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

Instruction Sheets

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

English

Agency Approvals

[UL Report](#)

English