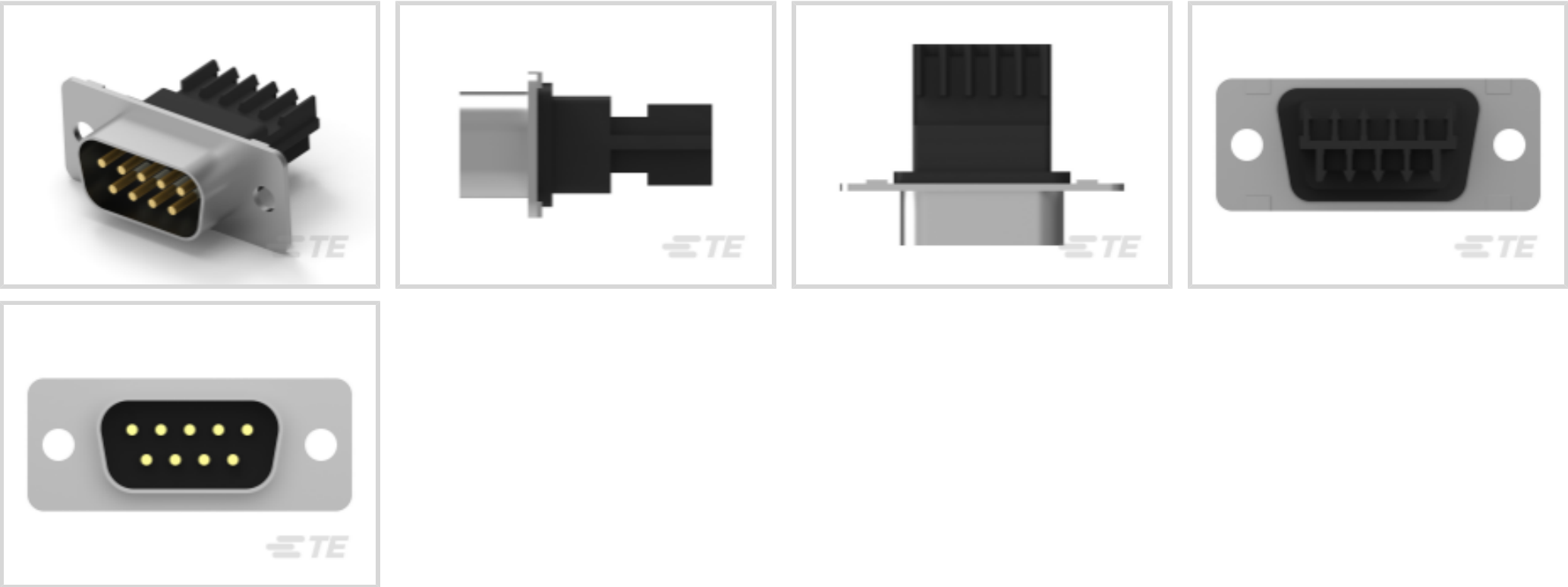




Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors > IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm



Connector & Housing Type: **Plug**

Solid Wire Size: **26 – 22 AWG**

Shielded: **No**

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

Number of Positions: **9**

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

Features

Industry Standards

UL Flammability Rating	UL 94V-0
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Body Features

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

Packaging Features

Packaging Method	Package
Packaging Quantity	140

Mechanical Attachment

Mating Retention	With
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Mating Retention Type	Mounting Holes
Connector Mounting Type	Cable Mount (Free-Hanging)

Contact Features

	30 µin
Contact Type	Pin
Wire Contact Termination Area Plating Material Finish	Matte
Contact Options	Installed
Contact Size	Size 20
Contact Current Rating (Max)	2.4 A

Housing Features

Shell Material	Steel
Centerline (Pitch)	2.77 mm [.054 in]

Operation/Application

Circuit Application	Signal
Shielded	No

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	1
Connector & Contact Terminates To	Wire & Cable

Dimensions

Solid Wire Size	26 – 22 AWG
Wire Size	26 – 22 AWG

Configuration Features

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

Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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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 # 5748676-1
DIE CAST CBL CLMP KIT,SZ 1



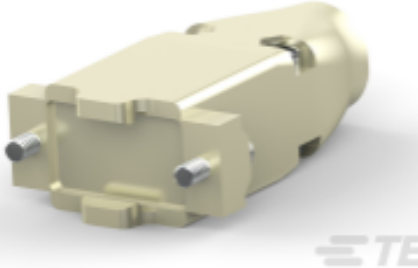
TE Part # 608868-1
HDE HT PKG FOR SUB D



TE Part # 5-747905-2
9 Rcpt Solder Cup, Gold Flash,



TE Part # 5745854-3
CABLE CLAMP KIT,SZ 1



TE Part # 5745854-5
CABLE CLAMP KIT, SZ 1



TE Part # 1-747943-7
KIT, RCPT, 9P, HDE, SHLD ENCLSRE



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



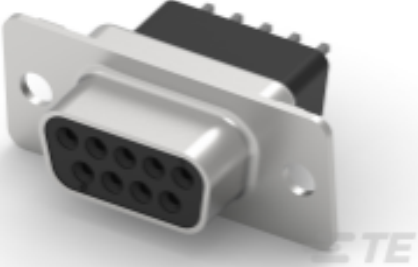
TE Part # 5745171-5
AMPL CBL CLMP KIT SZ 1



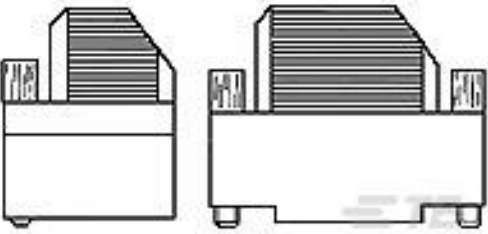
TE Part # 747516-9
KIT, RCPT, 9P, HDE, SHLD HDWRE



TE Part # 1-745491-8
09 HDE MS RCPT, 22-26, LEAD FREE



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



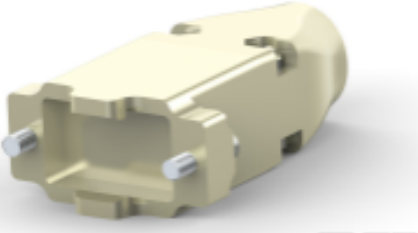
TE Part # 1393738-2
V42254A6000G115=SUB D GEHAEUSE



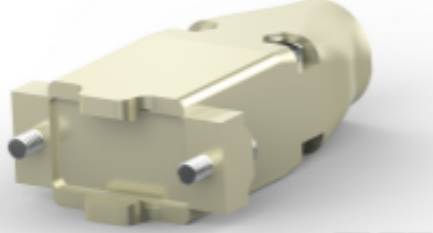
TE Part # 3-1393483-8
V42254A1115B209=SUB D FEDERLEI



TE Part # 205866-1
09 RCPT RA/MS STD



TE Part # 5748677-1
PLTD PLST CBL CLMP KIT, SZ 1



TE Part # 5745854-1
CABLE CLAMP KIT, SZ 1



TE Part # 5745183-2
09 RCPT SP/MS STD



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



TE Part # 2198617-9
Ni Plated Plastic Backshell, 9 Way, Str

Also in the Series | **AMPLIMITE HDE**



Connector Contacts(13)



Crimp D-Sub Connectors(1)



IDC D-Sub Connectors(74)



Insertion & Extraction Tools(2)

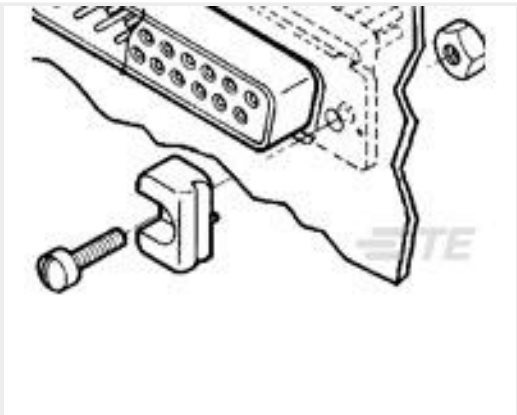
Customers Also Bought



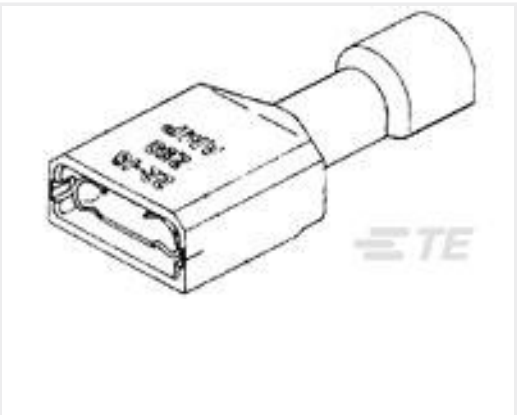
TE Part #5745171-5
AMPL CBL CLMP KIT SZ 1



TE Part #745255-2
SPRING LATCH 2/BAG



TE Part #747080-2
LATCH BLOCK/PACKAGED/.090 PANL



TE Part #2-520194-2
ULTRAFAST 187 ASSY REC 22-18 TPBR LP



TE Part #353293-3
MINI CT MT REC ASSY 3P GRAY



TE Part #6-66461-2
SKT,.062 DIA,.025 SQ POST,LP



TE Part #1879417-8
CPF0603 1M0 0.1% 25PPM 5K RL



TE Part #864900-2
LGH CONNECTOR HOUSING



TE Part #3-6609128-5
6VM4S=F8103



TE Part #EE1126-000
CPGI-RNF-100-ASRT-4N-BLK

Documents

Product Drawings
PLUG ASSY,9P,HDE,MS

English

CAD Files
Customer View Model
ENG_CVM_2-745492-0_R.2d_dxf.zip

English

Customer View Model
ENG_CVM_2-745492-0_R.3d_igs.zip

English

Customer View Model
ENG_CVM_2-745492-0_R.3d_stp.zip

English

3D PDF

English

Datasheets & Catalog Pages



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[Application Specification](#)

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