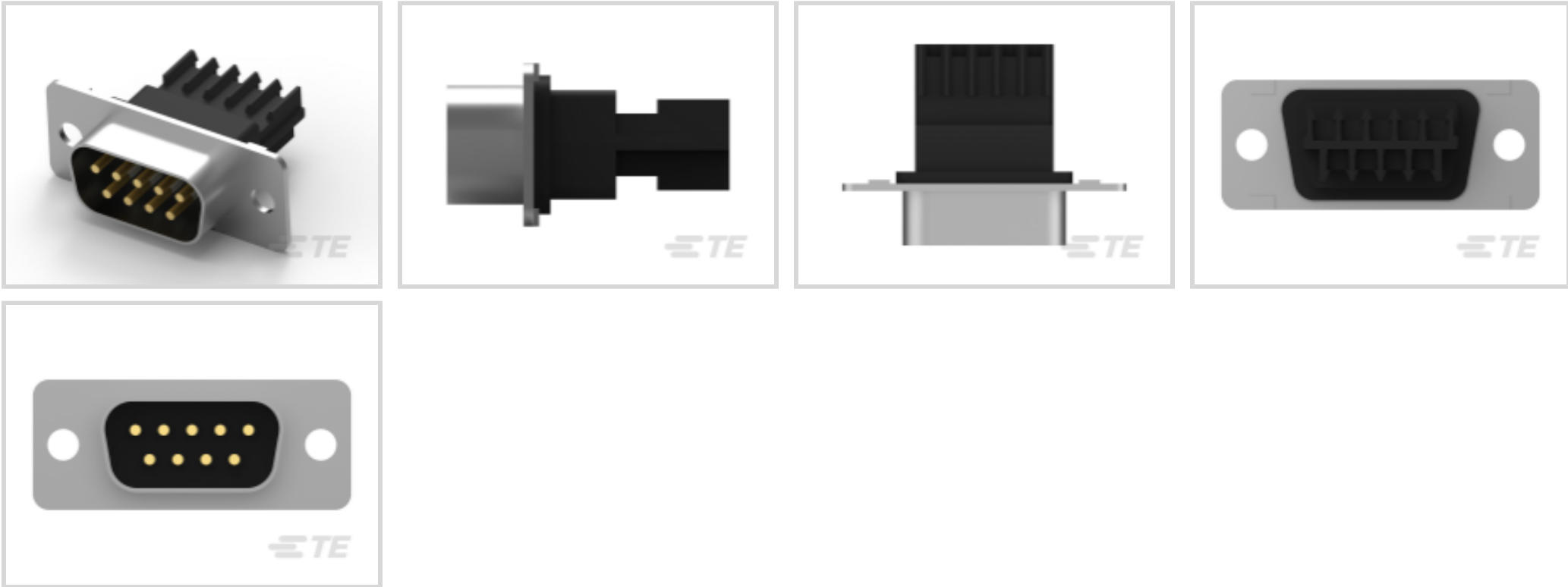




Connectors > D-Shaped Connectors > IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm



Number of Positions: 9

Connector & Housing Type: Plug

Connector System: Wire-to-Wire

Connector Mounting Type: Cable Mount (Free-Hanging)

Connector Shell Size: 1

[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 Product Type	Connector Assembly
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Connector Shell Size	1
Connector & Contact Terminates To	Wire & Cable

Configuration Features

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

Body Features

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

Contact Features

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

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	26 – 22 AWG
Wire Size	26 – 22 AWG

Usage Conditions

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

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Package
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Packaging Quantity

140

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



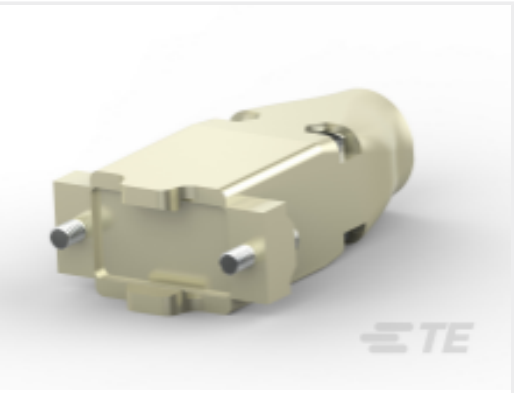
TE Part # CAT-023-DRARS1274
D-Sub Receptacle Assembly: Right Angle, Shell Size 1, 2.74mm



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



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



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



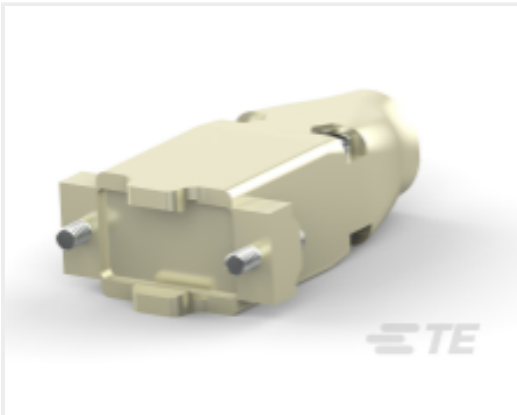
TE Part # 5748677-1
PLTD PLST CBL CLMP KIT, SZ 1



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



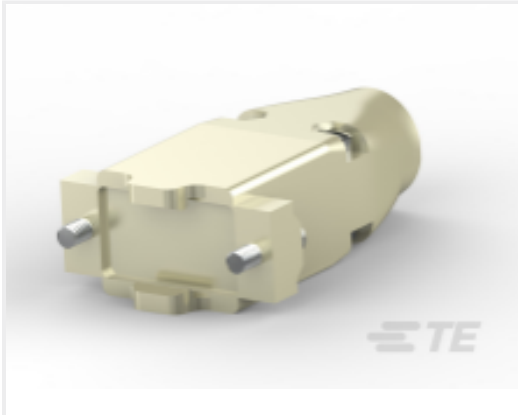
TE Part # 1-747943-5
KIT, RCPT, 9P, HDE, SHLD ENCLSRE



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



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



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



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



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



TE Part # 5748676-1
DIE CAST CBL CLMP KIT, SZ 1



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



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



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 # 5745171-5
AMPL CBL CLMP KIT SZ 1

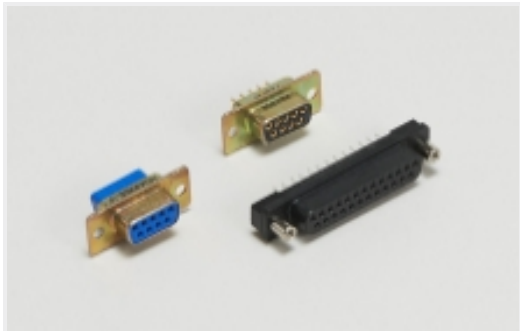
Also in the Series | **AMPLIMITE HDE**



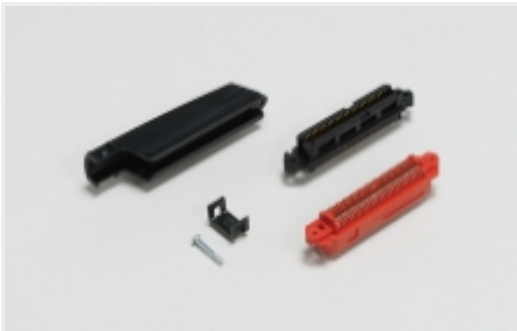
Connector Contacts(13)



Crimp D-Sub Connectors(1)



D-Shaped Connectors(57)



IDC D-Sub Connectors(56)

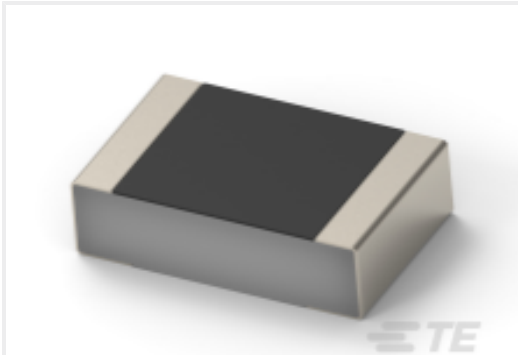


Panel Mount D-Sub Connectors(8)

Customers Also Bought



TE Part #CN9930-000
SBP190319WE2.5



TE Part #1-2176453-4
CPF 0201 7K87 0.1% 25ppm 1K RL



TE Part #1466288-1
031-0050-0001



TE Part #1-745494-5
15 HDE MS PLUG,22-26,LEAD FREE



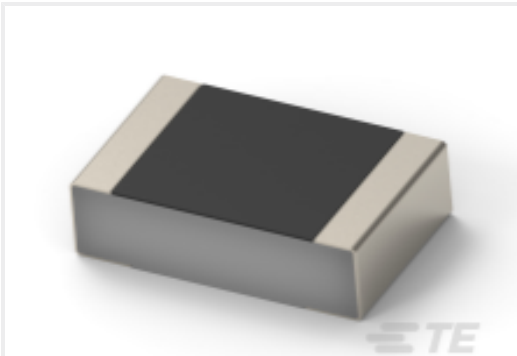
TE Part #32944
PG R 22-16 COMM 22-18 MIL 4



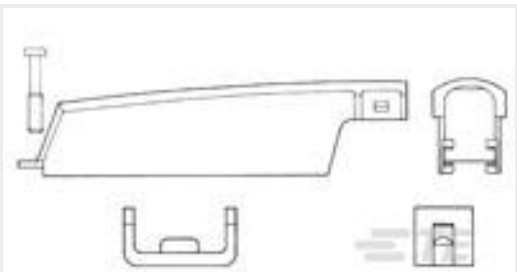
TE Part #CAT-AM7-248H8
IDC D-Sub: Receptacle Assembly,
Wire to Wire, Signal, 2.74 mm



TE Part #53548-1
SPLICE BUTT PVF2 PIDG 22-16



TE Part #7-2176451-6
CPF 0201 301R 0.1% 25ppm 1K RL



TE Part #229909-1
COVER,TAPERED,90DEG"CHAMP
PKG"

Documents

Product Drawings

09 HDE MS PLUG,22-26,LEAD FREE

English

CAD Files

Customer View Model

ENG_CVM_1-745492-8_R.2d_dxf.zip

English

Customer View Model



[ENG_CVM_1-745492-8_R.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-745492-8_R.3d_stp.zip](#)

English

3D PDF

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

Instruction Sheets

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

English

Agency Approvals

[CSA Certificate](#)

English