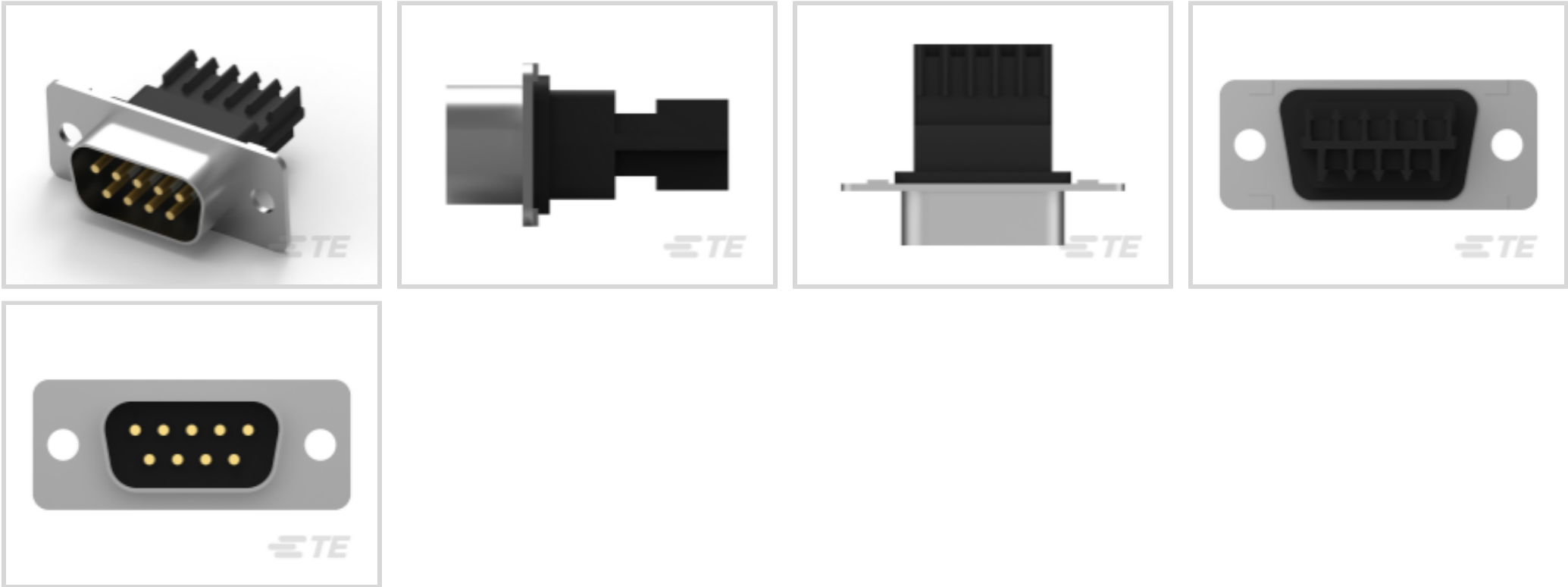




Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors > IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm



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

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

Configuration Features

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

Body Features

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

Contact Features

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

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)	2.77 mm[.054 in]

Dimensions

Solid Wire Size	26 – 22 AWG
Wire Size	.15 – .4 mm²

Usage Conditions

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

Circuit Application	Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	140
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Packaging Method

Package

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

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



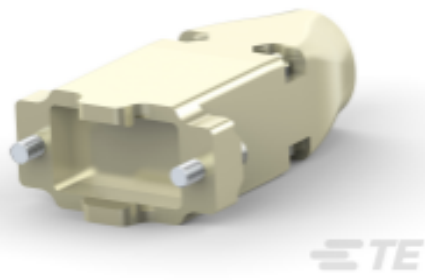
TE Part # CAT-AM7-248H8
IDC D-Sub: Receptacle Assembly,
Wire to Wire, Signal, 2.74 mm



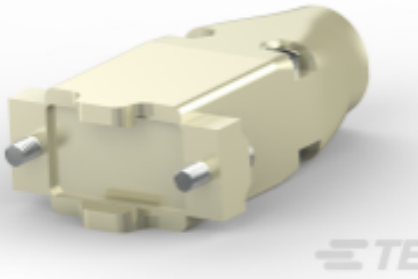
TE Part # 747516-7
09 HDE PMOLD RCPT, LEAD FREE



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



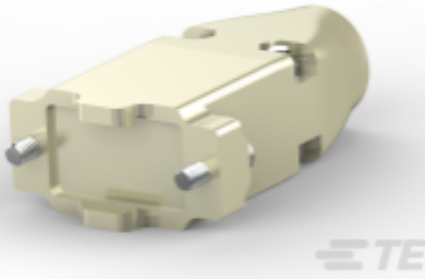
TE Part # 5748677-1
PLTD PLST CBL CLMP KIT,SZ 1



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



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



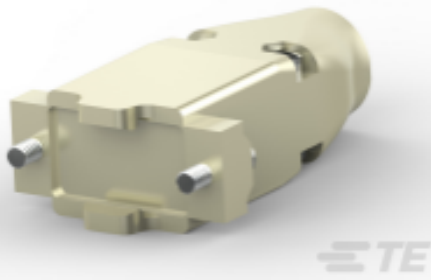
TE Part # 5748676-1
DIE CAST CBL CLMP KIT,SZ 1



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



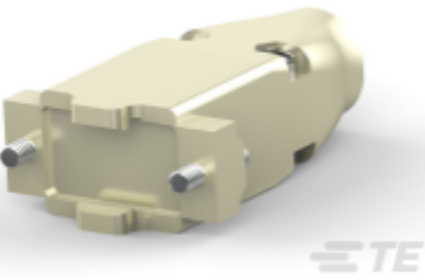
TE Part # 5745183-1
09 RCPT SP/MS STD



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



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



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



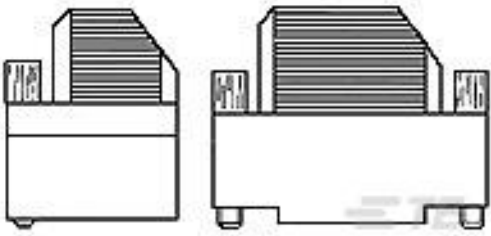
TE Part # CAT-979-DRARE274
D-Sub Receptacle Assembly:
Eurostyle, Right Angle, 2.74mm



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 # 1393738-2
V42254A6000G115=SUB D GEHAEUSE

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 #1-745495-8
25 HDE MS RCPT,22-26,LEAD FREE

TE Part #1-745494-5
IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm

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

TE Part #5207908-4
STRAIN REL W/SCREW RET KIT

TE Part #745530-1
9 POS COVER KIT

TE Part #5103311-2
A/L LOW PRO HDR 14P RA BLACK

TE Part #2398990001
HT-SCE-1-2.0-0

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

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AMPLIMITE Cable Connectors and Shielding Hardware Kits QRG

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Product Specifications

Application Specification

English



Instruction Sheets

Instruction Sheet (U.S.)

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Agency Approvals

CSA Certificate

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