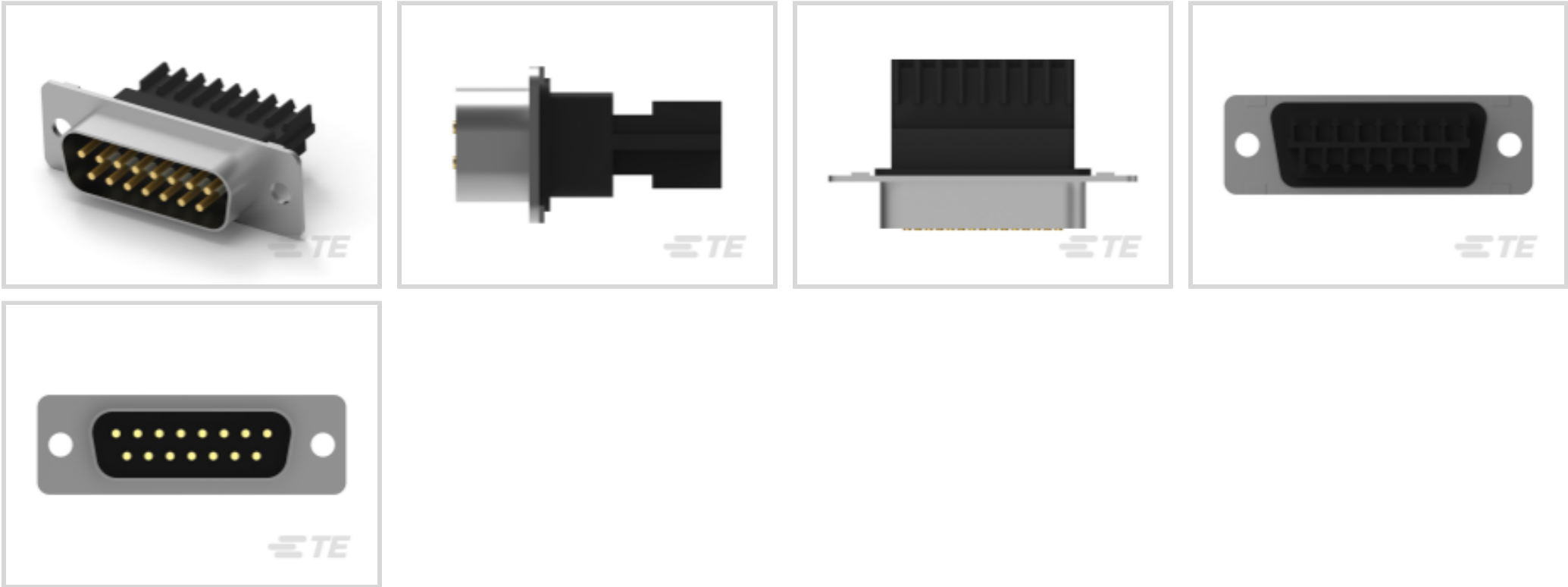




Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors > IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm



Connector & Housing Type: **Plug**

Solid Wire Size: **26 – 22 AWG**

Shielded: **Yes**

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

Number of Positions: **15**

[All IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm \(21\)](#)

Features

Product Type Features

Grade	Standard
Grounding Indents	With
Shell Type	Full Metal Shell
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Connector Product Type	Connector Assembly
D-Sub Shell Size	2
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	15
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

PCB Termination Area Plating Finish	Matte
Contact Type	Pin
	30 μin
D-Sub Contact Size	20
Contact Current Rating (Max)	2.4 A

Mechanical Attachment

Mating Connector Lock	With
Mounting Angle	Straight
Mating Connector Lock Type	Mounting Holes
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Enclosure	Without
Centerline (Pitch)	2.77 mm[.054 in]

Dimensions

Solid Wire Size	26 – 22 AWG
Wire Size	.15 – .4 mm ²

Usage Conditions

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

Shielded	Yes
Circuit Application	Signal

Industry Standards

Insert Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Package
Packaging Quantity	112



Other

Comment	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.
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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 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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-AM7-253
IDC D-Sub: Receptacle Assembly, Low Profile, Signal, 2.77 mm



TE Part # CAT-025-DRAVS2274
D-Sub Receptacle Assembly: Vertical, Shell Size 2, 2.74mm



TE Part # CAT-023-DRARS2274
D-Sub Receptacle Assembly: Right Angle, Shell Size 2, 2.74mm



TE Part # CAT-025-DRAVS3277
D-Sub Receptacle Assembly: Vertical, Shell Size 3, 2.77mm



TE Part # CAT-026-RAVSAP2274
D-Sub Receptacle Assy: Vertical, Action Pin, Shell Size 2, 2.74mm



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



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



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



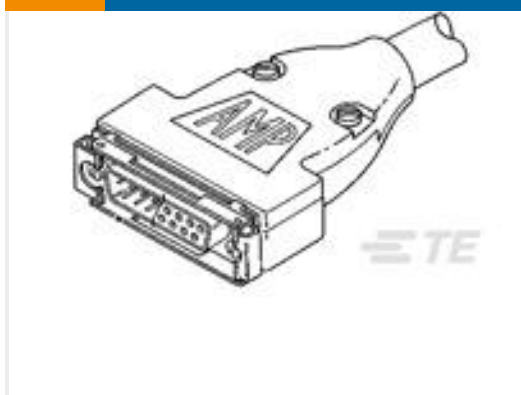
TE Part # 58074-1
MTA 50/100/156 MANUAL TOOL FRAME



TE Part # 5748677-2
PLTD PLST CBL CLMP KIT,SZ 2



TE Part # 5748676-2
DIE CAST CBL CLMP KIT,SZ 2



TE Part # 5745919-1
CABLE CLAMP KIT,SZ 2



TE Part # 5747099-5
CABLE CLAMP KIT,SZ 2



TE Part # 5745652-3
DIECAST STRAIN RELIEF KIT,SZ 2



TE Part # 5747099-1
CABLE CLAMP KIT,SZ 2



TE Part # 5745652-1
DIECAST STRAIN RELIEF KIT,SZ 2



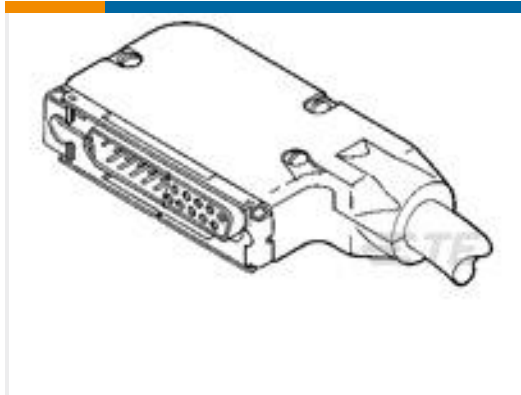
TE Part # 5745652-2
DIECAST STRAIN RELIEF KIT,SZ 2



TE Part # 5206471-1
CABLE CLAMP KIT,SZ 2



TE Part # 5747099-7
CABLE CLAMP KIT,SZ 2

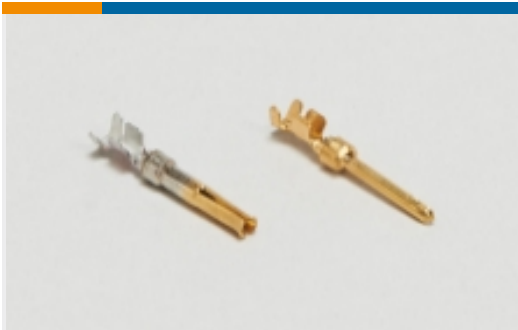


TE Part # 5745652-4
DIECAST STRAIN RELIEF KIT,SZ 2

Also in the Series | **AMPLIMITE HDE**



Crimp D-Sub Connectors(1)



D-Sub Connector Contacts(13)



IDC D-Sub Connectors(83)



Insertion & Extraction Tools(2)

Customers Also Bought



TE Part #1-745495-8
IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.77 mm



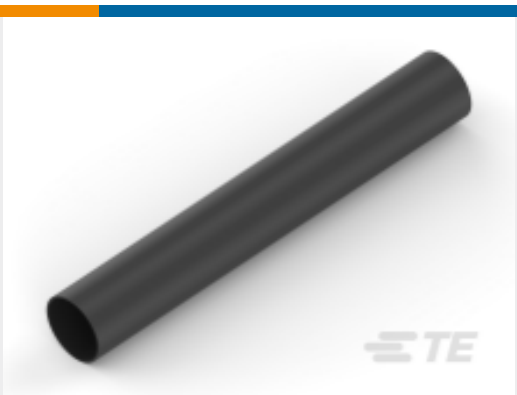
TE Part #1-745492-8
IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm



TE Part #1-745491-7
IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.74 mm



TE Part #103326-7
14 MODII HDR DRRA B/A .100CL



TE Part #NB14862001
DWP-125-1/4-0-STK

Documents

Product Drawings

15 HDE MS PLUG,22-26,LEAD FREE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-745494-5_Z.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-745494-5_Z.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-745494-5_Z.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