

1-745497-7 ✓ ACTIVE

AMPLIMITE | AMPLIMITE HDE

TE Internal #: 1-745497-7

IDC D-Sub Connectors, Receptacle, 26 – 22 AWG Solid Wire Size, Shielded, Wire-to-Wire, 37 Position, 1.38 mm [.054 in] Centerline, 2 Row, AMPLIMITE HDE

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



Connector & Housing Type: **Receptacle**

Solid Wire Size: **26 – 22 AWG**

Shielded: **Yes**

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

Number of Positions: **37**

[All IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.77 mm \(10\)](#)

## 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	4
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	37
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
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)	1.38 mm [.054 in]

### Dimensions

Solid Wire Size	26 – 22 AWG
Wire Size	.15 – .4 mm <sup>2</sup>

### 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	56

### Other

Comment	HDE connectors are designed for terminating solid or stranded (7-strand max.) wire.
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### Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

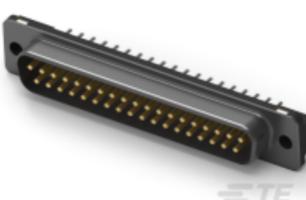


EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does 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 # 5747375-2  
37 PLUG SP/FMS STD



TE Part # CAT-023-DPARS4274  
D-Sub Plug Assembly: Standard, Right Angle, Shell Size 4, 2.74mm



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



TE Part # 5745174-2  
CABLE CLAMP KIT,SZ 4,.575



TE Part # 5745174-4  
CABLE CLAMP KIT,SZ 4,.425



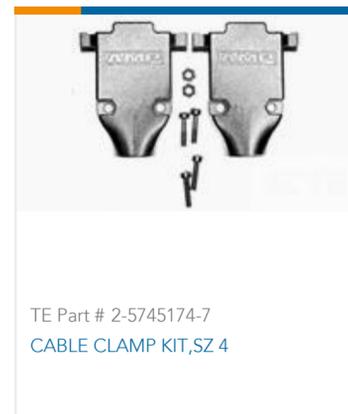
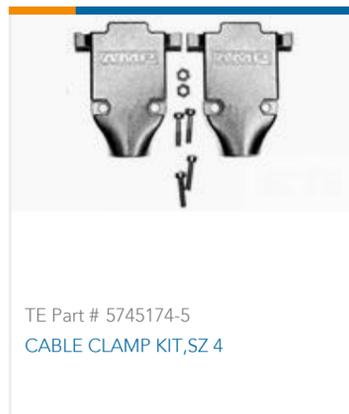
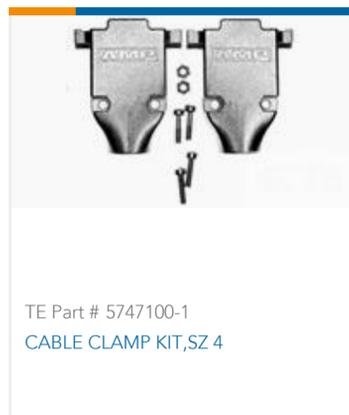
TE Part # 5748676-4  
DIE CAST CBL CLMP KIT,SZ 4



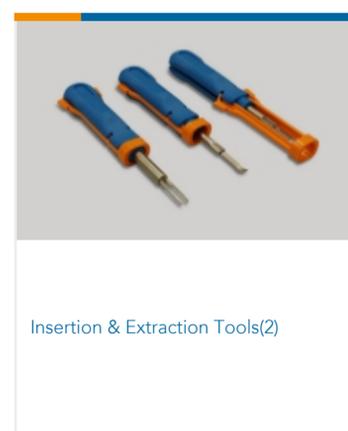
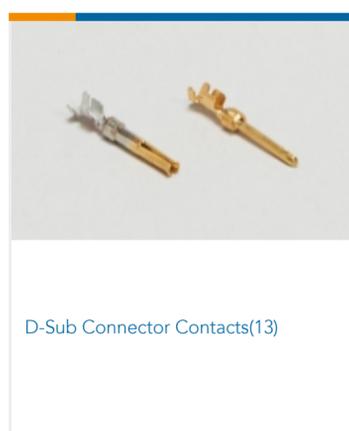
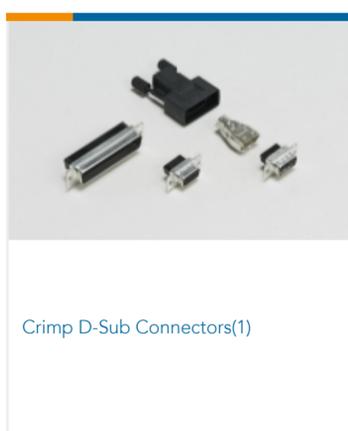
TE Part # 5745174-1  
CABLE CLAMP KIT,SZ 4



TE Part # 5745174-3  
CABLE CLAMP KIT,SZ 4,.500



## Also in the Series | AMPLIMITE HDE



## Documents

### Product Drawings

RCPT ASSY,37P,HDE,MS

English

### CAD Files

Customer View Model

ENG\_CVM\_1-745497-7\_N2.2d\_dxf.zip

English



### Customer View Model

[ENG\\_CVM\\_1-745497-7\\_N2.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_1-745497-7\\_N2.3d\\_stp.zip](#)

English

### 3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

[AMPLIMITE Subminiature D Connectors - Cable Connectors](#)

English

[AMPLIMITE Cable Connectors and Shielding Hardware Kits QRG](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Instruction Sheets

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

English

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### Agency Approvals

[UL Report](#)

English