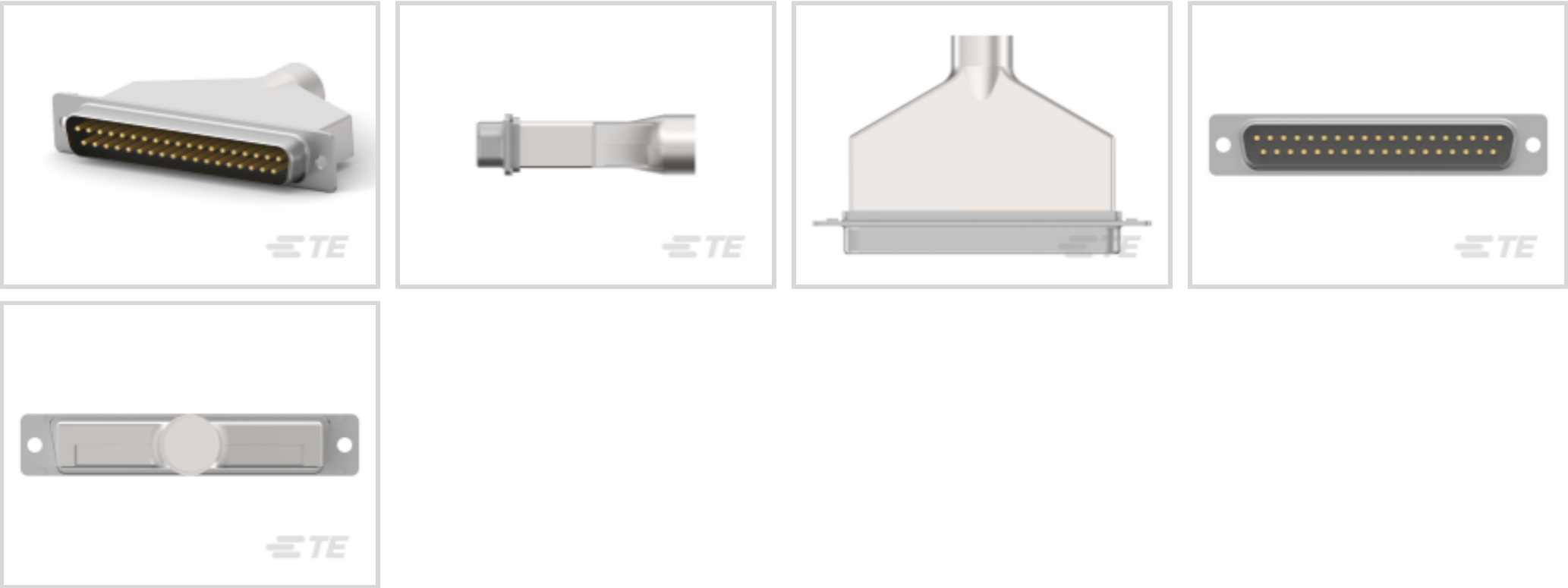




Connectors > D-Shaped Connectors



Number of Positions: 37

Connector & Housing Type: Plug

Connector System: Cable-to-Cable

Connector Mounting Type: Cable Mount (Free-Hanging)

Connector Shell Size: 4

Features

Product Type Features

Ground Feature Type	Grounding Indents
Connector Product Type	Connector Kit
Shell Material Configuration	Front Metal Shell
Connector & Housing Type	Plug
Connector System	Cable-to-Cable
Connector Shell Size	4
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	37

Body Features

Shield Plating Material	Tin
Insert Material	Thermoplastic
Shield Material	Steel



Shell Plating Material	Tin
Cable Exit Angle	180°

Contact Features

Contact Underplating Material	Nickel
Contact Size	Size 20
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold Flash
Contact Base Material	Phosphor Bronze
Contact Type	Pin
Contact Current Rating (Max)	5 A
Contact Options	Installed

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

Mating Retention Type	Mounting Holes
Thread Size	4-40 UNC 2B
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Shell Material	Steel
Centerline (Pitch)	1.38 mm[.054 in]

Dimensions

Accepts Cable Insulation Diameter Range	8.59 – 14.28 mm[.338 – .562 in]
Compatible Insulation Diameter Range	1.52 mm[.06 in]
Solid Wire Size	.13 – .32 mm²
Accepts Cable Diameter (Max)	14.27 mm[.562 in]
Wire Size	26 – 22 AWG

Usage Conditions

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

Shielded	Yes
Circuit Application	Signal



Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	1
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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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>

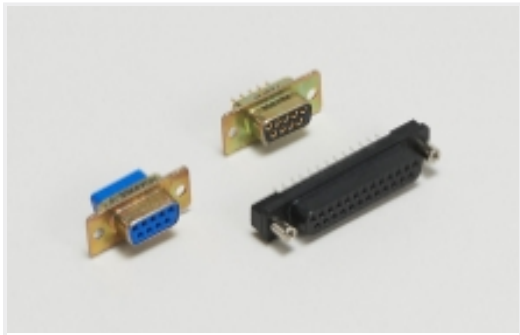
Also in the Series | [AMPLIMITE HDE](#)



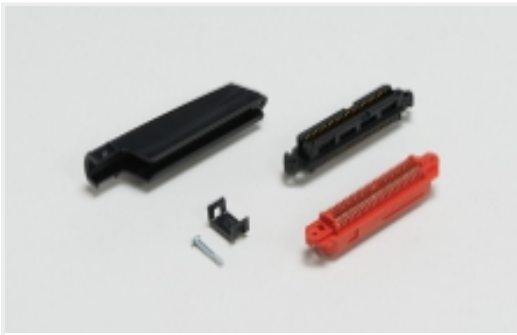
Connector Contacts(13)



Crimp D-Sub Connectors(1)



D-Shaped Connectors(57)



IDC D-Sub Connectors(56)



Insertion & Extraction Tools(2)

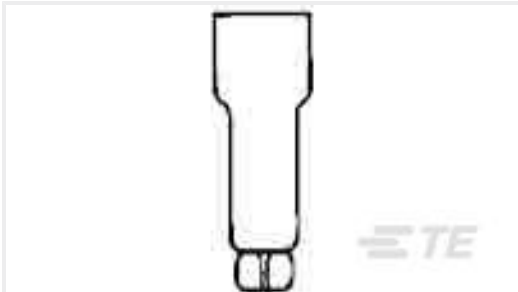


Panel Mount D-Sub Connectors(8)

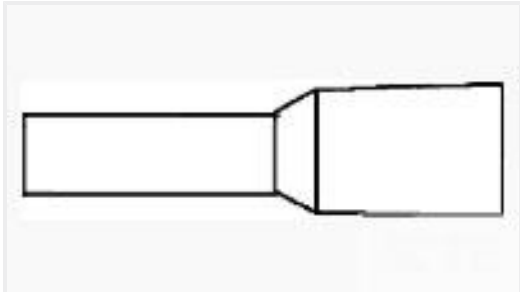
Customers Also Bought



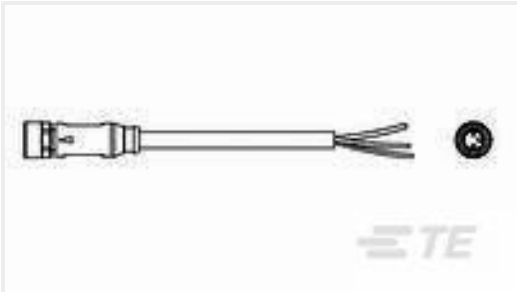
TE Part #6-1879334-8
CPF 0603 10R 1% 50PPM 1K RL



TE Part #34304
SPLICE,CE 22-14



TE Part #966066-7
FER,WIRE,PL SLV,,50/20,L8,ORANGE, LP



TE Part #2273001-1
M8 x 1.0 straight socket Pigtail



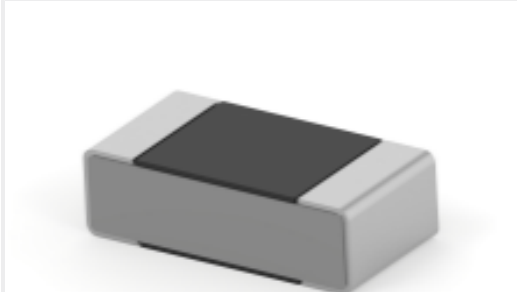
TE Part #696422-5
PIDG PVF2 R 22-16COM22-18MIL 8



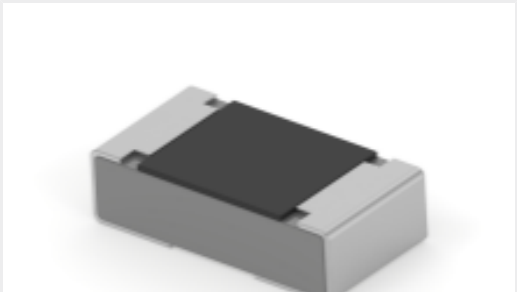
TE Part #770019-1
04P UMNLI IN-LNE PLUG HSG KIT



TE Part #2-2176308-8
RP 1E 0.1W 255K 0.1% 25PPM 5K RL



TE Part #1-2176280-4
CPF 0402 140K 0.1% 25PPM 1K RL



TE Part #4-2176480-2
RA73F 1J 1K47 0.1% 5K RL



TE Part #193841-1
PIN, 2MM, 12-14 AWG

Documents



Product Drawings

KIT,PLUG,37P,HDE,SHLD HDWRE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-747563-0_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-747563-0_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-747563-0_K.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

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English