



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



Connector & Housing Type: Plug

Solid Wire Size: .13 – .32 mm²

Shielded: Yes

Connector System: Cable-to-Cable

All IDC D-Sub: [Connector Kit, Plug, Wire to Wire, Signal, 2.77 mm \(6\)](#)

Features

Product Type Features

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

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

Contact Features

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

Termination Features

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

Mating Retention Type	Mounting Holes
Mating Retention	With
Wire Insulation Support	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	4.19 – 11.56 mm[.165 – .455 in]
Compatible Insulation Diameter Range	1.52 mm[.06 in]
Accepts Cable Diameter (Max)	11.56 mm[.455 in]
Solid Wire Size	.13 – .32 mm ²
Wire Size	26 – 22 AWG

Usage Conditions

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

Circuit Application	Signal
Shielded	Yes

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	1
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Packaging Method	Package
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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 2024 (241) 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>

Also in the Series | AMPLIMITE HDE

Connector Contacts(13)

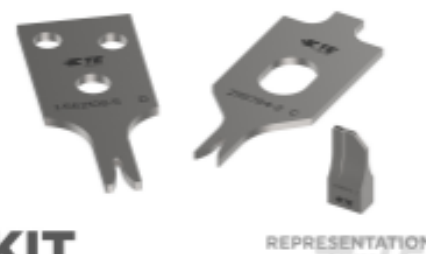
Crimp D-Sub Connectors(1)

IDC D-Sub Connectors(56)

Insertion & Extraction Tools(2)

Customers Also Bought





KIT

REPRESENTATION ONLY

TE Part #7-2836702-7

[OC-046F057F-752-CRIMPTOOLINGKIT](#)



TE

TE Part #1-1879338-3

[CPF 0603 35K7 1% 50PPM 1K RL](#)



TE

TE Part #553443-2

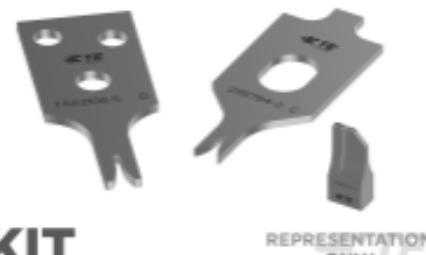
[ASSY RCPT, ACTION PIN, CHAMP-LOK](#)



TE

TE Part #60348-4

[050 PIN REC 24-20 0126TPPHBZ](#)

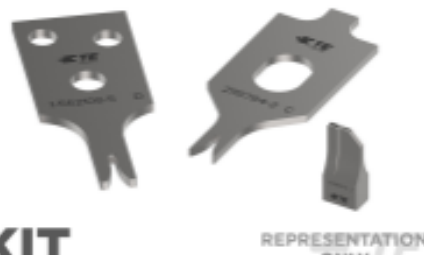


KIT

REPRESENTATION ONLY

TE Part #7-2266927-7

[OCEAN_2.0_SPARE_PART_KIT-075F098OV](#)



KIT

REPRESENTATION ONLY

TE Part #7-2836109-7

[OC-076F144F-CRIMPTOOLINGKIT](#)



TE

TE Part #2837405-2

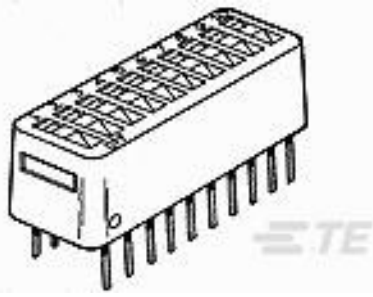
[OCEAN_2.0_APPLICATOR-S-072F095F-RSA](#)



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TE Part #2837166-1

[OCEAN_2.0_APPLICATOR-S-047F059F-RSM](#)



TE

TE Part #435626-2

[LOW PROFILE DIP SW 5POSN AU](#)

Documents

CAD Files

Customer View Model

[ENG_CVM_747531-9_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_747531-9_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_747531-9_G.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

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English