



Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors > IDC D-Sub: Connector Kit, Plug, Signal, 0.8 mm



Connector & Housing Type: **Plug**

Stranded Wire Size: **30 AWG**

Shielded: **Yes**

Connector System: **Cable-to-Cable**

[All IDC D-Sub: Connector Kit, Plug, Signal, 0.8 mm \(3\)](#)

Features

Contact Features

	30 µin
Contact Current Rating (Max)	1.5 A, .5 A, .3 A
Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Wire Contact Termination Area Plating Material	Tin
Contact Options	Installed

Product Type Features

Connector & Housing Type	Plug
Connector System	Cable-to-Cable
Connector Product Type	Connector Kit
Connector & Contact Terminates To	Wire & Cable

Dimensions

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Stranded Wire Size	30 AWG
Compatible Insulation Diameter Range	.56 – .64 mm
Compatible Insulation Diameter (Max)	.64 mm

Operation/Application

Shielded	Yes
Circuit Application	Signal

Configuration Features

Number of Positions	68, 50
Number of Rows	2
Compatible With Wire & Cable Type	Discrete Wire, Round Jacketed Cable

Housing Features

Centerline (Pitch)	.8 mm[.031 in]
Housing Material	LCP (Liquid Crystal Polymer)
Shell Material	Steel

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	Without

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Body Features

Shell Plating Material	Nickel over Copper
Primary Product Color	Black
Cover Material	ABS/Polycarbonate

Termination Features

Termination Cover	Without
Termination Method to Wire & Cable	Insulation Displacement (IDC)

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Package
Packaging Quantity	1

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	Low Bromine/Chlorine - Br and Cl < 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>

Compatible Parts



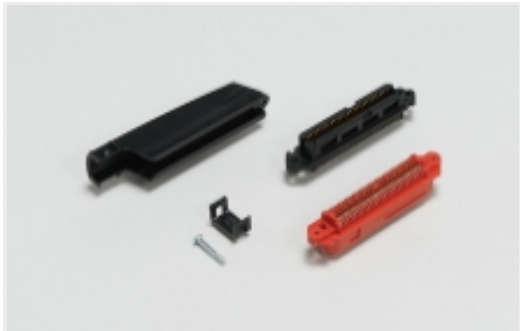
Also in the Series | CHAMP .8 mm Connector



Connector Backshells(5)



Connector Hardware(2)



IDC D-Sub Connectors(3)



PCB D-Sub Connectors(8)

Customers Also Bought



TE Part #2309413-1
DDR4 SODIMM 260P 9.2H STD



TE Part #280522-2
2X12P MODU II SHRD HDR, RT ANG, AU



TE Part #5535070-5
ASSY,RECEPTACLE,EUROCARD,TYPE



TE Part #1-826632-0
10P AMPMODU II PIN HDR.



TE Part #3-5338556-1
8/8 MOD JACK ASSY SE



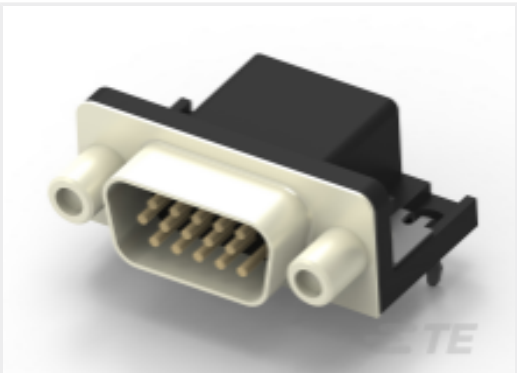
TE Part #1473567-3
RITS CONN.HDR ASSY 4ROW 3P



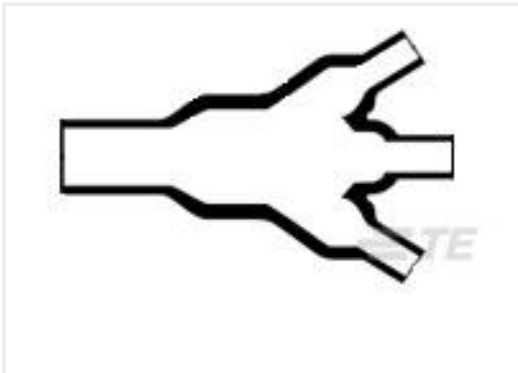
TE Part #1473565-3
RITS CONN.HDR ASSY 3P



TE Part #5536437-4
ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,96 PO



TE Part #2311775-1
AMPL PLUG, HD22, R/A, 15P, S/L



TE Part #458821-000
462A023-25/86-0

Documents

- CAD Files

Customer View Model

ENG_CVM_CVM_5787131-1_O.2d_dxf.zip

English

3D PDF

3D
- Customer View Model

ENG_CVM_CVM_5787131-1_O.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_5787131-1_O.3d_stp.zip](#)

English

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

Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English

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

English

[Mass Termination Tooling Assembly 543580-1 & Cutter Subassembly 543610](#)

English