

5787131-1 ✓ ACTIVE

CHAMP | CHAMP .8 mm Connector

TE Internal #: 5787131-1

50 / 68 Position D-Shaped Connector, Plug, Cable-to-Cable, Cable Mount (Free-Hanging), .8 mm [.031 in] Centerline, Wire & Cable, CHAMP .8 mm Connector

[View on TE.com >](#)



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



Number of Positions: **50, 68**

Connector & Housing Type: **Plug**

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

Connector Mounting Type: **Cable Mount (Free-Hanging)**

Centerline (Pitch): **.8 mm [.031 in]**

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

Features

Product Type Features

Connector Product Type	Connector Kit
Connector & Housing Type	Plug
Connector System	Cable-to-Cable
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	50, 68

Body Features

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



Contact Features

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

Termination Features

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

Mechanical Attachment

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

Housing Features

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

Dimensions

Stranded Wire Size	.05 mm ²
Compatible Insulation Diameter Range	.56 – .64 mm
Compatible Insulation Diameter (Max)	.64 mm

Usage Conditions

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

Operation/Application

Shielded	Yes
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

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	<p>Current ECHA Candidate List: JAN 2025 (247)</p> <p>Candidate List Declared Against: JAN 2025 (247)</p> <p>SVHC > Threshold: Triphenyl phosphate (TPP) (1% in 16667014059)</p> <p>Article Safe Usage Statements: Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p>
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>

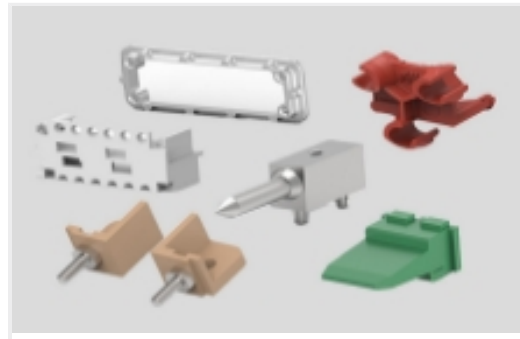
Compatible Parts



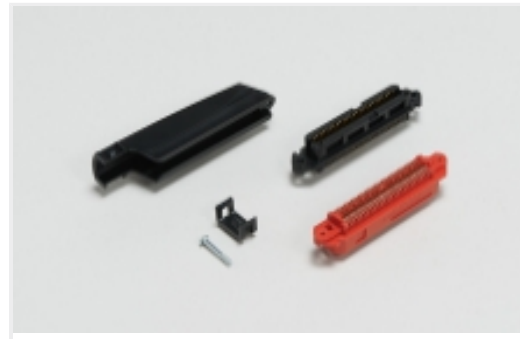
Also in the Series | [CHAMP .8 mm Connector](#)



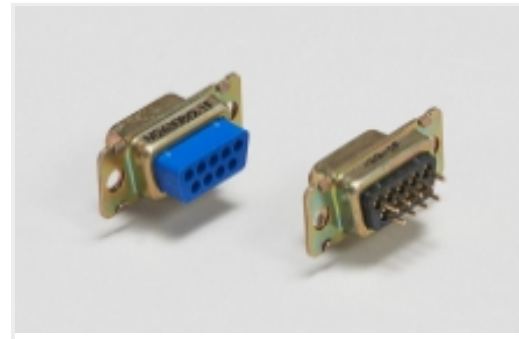
Connector Backshells(5)



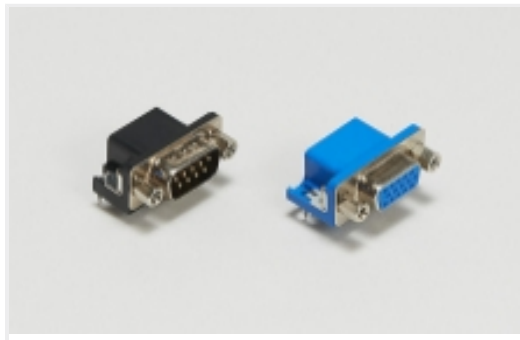
Connector Hardware(2)



IDC D-Sub Connectors(3)



Panel Mount D-Sub Connectors(4)



PCB D-Sub Connectors(10)

Customers Also Bought



TE Part #1-1624097-4
3615A-10-3509-10 0.47UH



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



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



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



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



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



TE Part #696424-4
TERMINAL,PIDG PVF2 R 12-10 6



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



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



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

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