5787131-1 ✔ ACTIVE

CHAMP | CHAMP .8 mm Connector

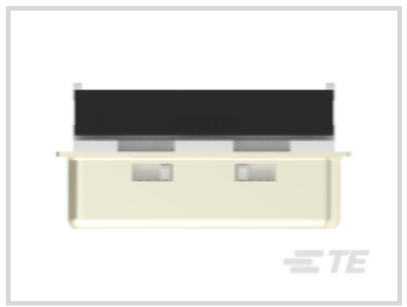
TE Internal #: 5787131-1

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

Configuration Features

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

Body Features

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

Contact Features

	30 µin
Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
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

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

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

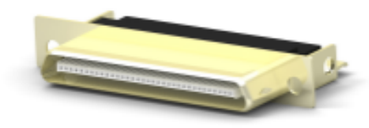
For compliance documentation, visit the product page on TE.com>

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	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Triphenyl phosphate (TPP) (1% in 16667014059) **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.
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

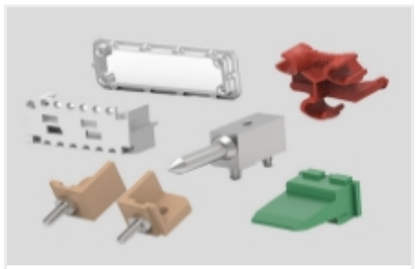
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

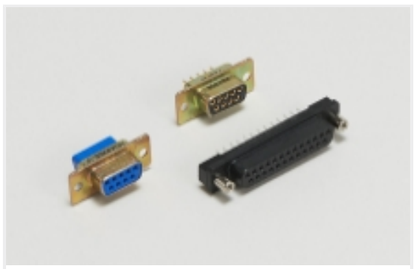


TE Part # 5787775-1
68 .8MM CHAMP OFSET CBL KIT

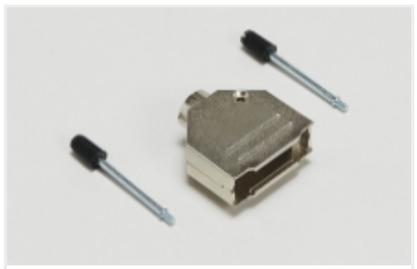
Also in the Series | CHAMP .8 mm Connector



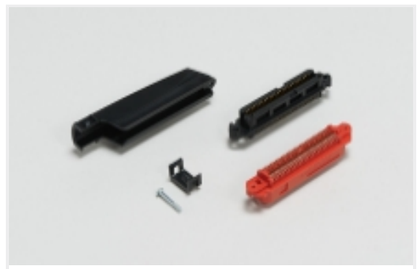
Connector Hardware(2)



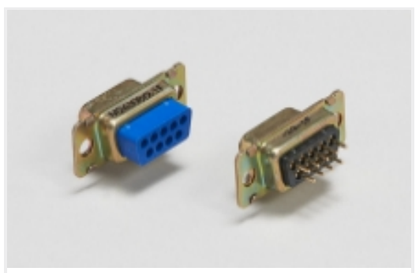
D-Shaped Connectors(12)



D-Sub Backshells & Clamps(5)



IDC D-Sub Connectors(3)



Panel Mount D-Sub Connectors(4)

Customers Also Bought



TE Part #800168-SF
FN332Z-10-05



TE Part #800499-SF
FN9260-6-06

TE Part #97F1-08-1-B
97F1-08-1-B



TE Part #206227-6
23-7 RECEPT REV SEX,THRD INSRT



TE Part #206425-5
17-3 RECPT. REV SEX,THRD INSRT



TE Part #2-326878-1
PIDG R 22-16 COMM 22-18 MIL 6



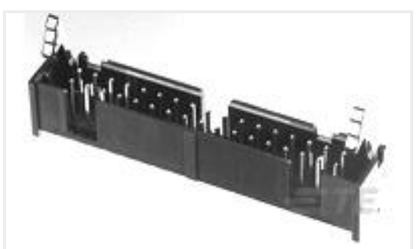
TE Part #3-747579-6
SHLDNG FERRULE, PLTD, BULK PKG



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



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



TE Part #2-1761606-6
IDC LOW PRO HDR 16P VERT LAT BLUE

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

Instruction Sheet (U.S.)

English