

5787775-1 ✓ ACTIVE

CHAMP | CHAMP .8 mm Connector

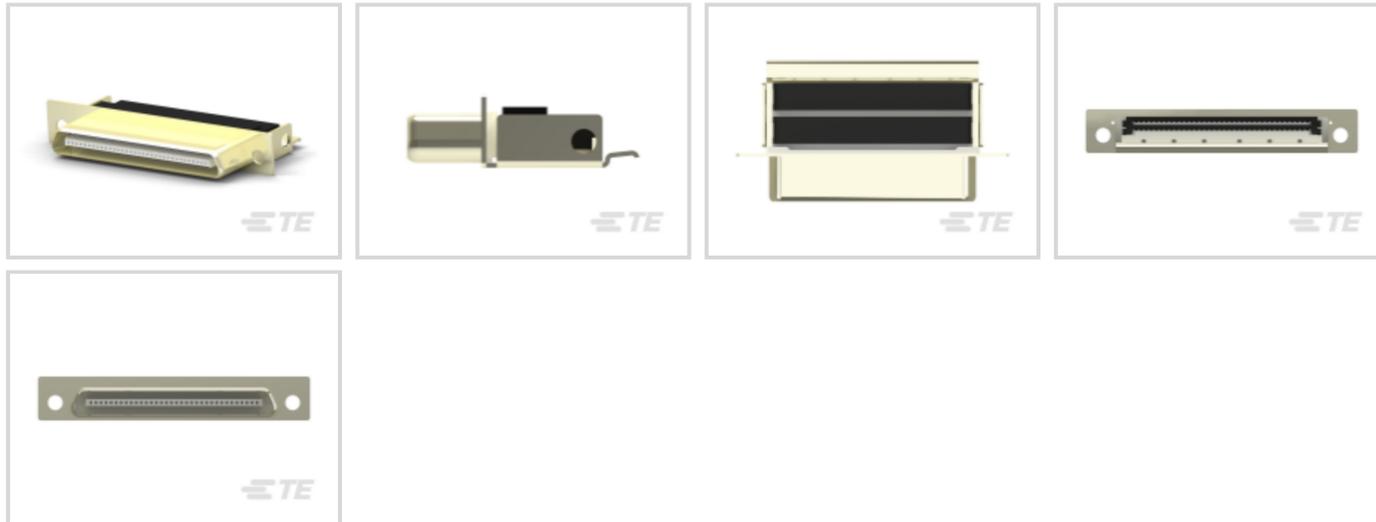
TE Internal #: 5787775-1

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

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



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

Body Features

Shell Plating Material	Tin
Primary Product Color	Natural

Contact Features



Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	.76 μm [30 μin]
Wire Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	.3 A, .5 A, 1.5 A
Contact Options	Installed

Termination Features

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

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

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

Dimensions

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

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °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 Method	Package
Packaging Quantity	1

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # CAT-020-DRCV127
CHAMP D-Sub Receptacle Assembly:
Vertical, 1.27mm

TE Part # 5787233-1
50 .8MM CHAMP BACKSHELL KIT

TE Part # CAT-469-D650155
IDC D-Sub: Connector Kit, Plug,
Signal, 0.8 mm

TE Part # 5787191-1
.8 CHAMP BACKSHELL KIT,BULK

TE Part # 5787973-1
36 .8MM CHAMP RCPT ASSY

TE Part # 5796055-2
68 CHAMP R/A ASSY,LC

TE Part # CAT-469-DRSC9008
D-Sub Receptacle Stacked Assembly:
Right Angle, 0.8mm

TE Part # 5796055-1
68 CHAMP R/A ASSY,LC



Also in the Series | **CHAMP .8 mm Connector**



Customers Also Bought





Documents

Product Drawings

[68 .8MM CHAMP OFFSET CBL KIT](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5787775-1_O.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5787775-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5787775-1_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