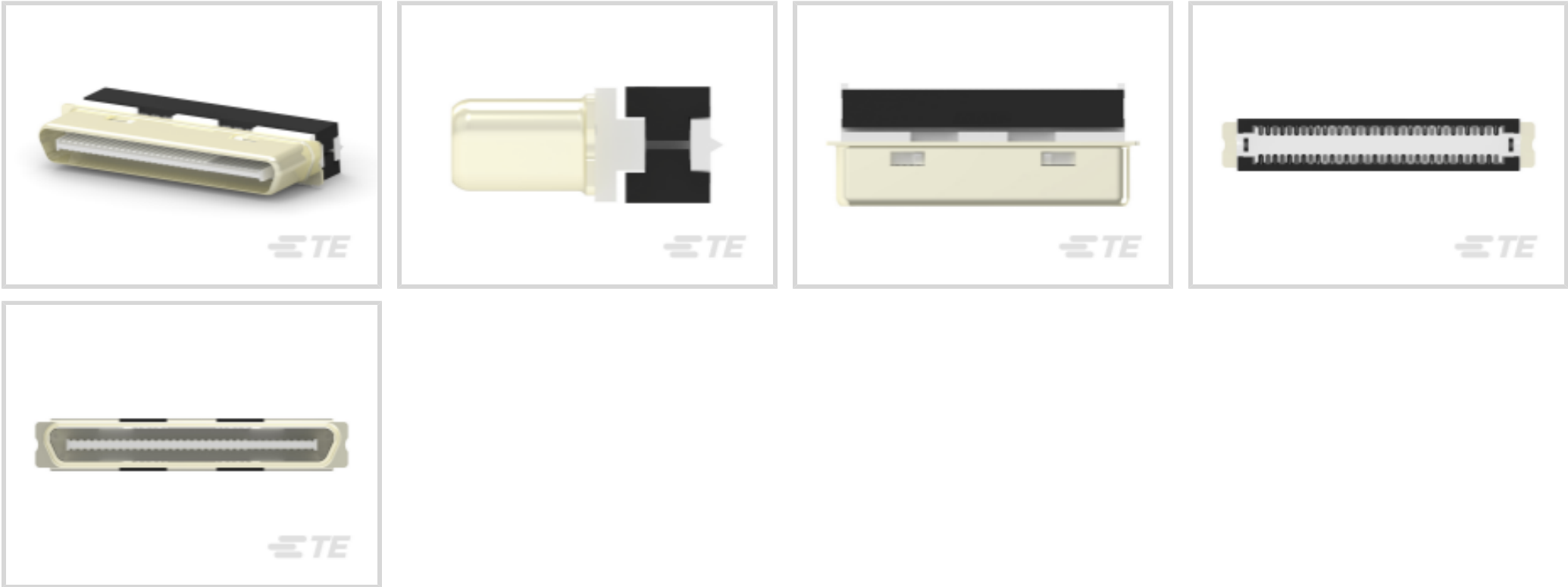




Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors > IDC D-Sub: Connector Kit, Plug, Signal, 0.8 mm



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

Product Type Features

Product Classification	Connector - Wire-to-Board
Product Category	Connectors - Cable
Center Ground Plate	Without
Connector & Housing Type	Plug
Connector System	Cable-to-Cable
Connector Product Type	Connector Kit
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Stacked	No
Number of Positions	68
Number of Rows	2
Compatible With Wire & Cable Type	Discrete Wire, Round Jacketed Cable



Body Features

Offset	No
Color	Black
Cover Material	ABS/Polycarbonate
Shell Material	Steel
Shell Plating Material	Nickel over Copper

Contact Features

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

Termination Features

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

Mechanical Attachment

Mating Connector Lock	Without
Mounting Angle	None
PCB Mount Retention Type	None
Detent	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

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

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
Cover 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: JAN 2021 (211) Candidate List Declared Against: JUL 2019 (201) SVHC > Threshold: Not Yet Reviewed
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 # CAT-469-D650155
IDC D-Sub: Connector Kit, Plug, Signal, 0.8 mm

TE Part # 796055-1
68 CHAMP R/A ASSY, LC

Also in the Series | CHAMP .8 mm Connector

D-Sub Backshells & Clamps(5)

D-Sub Locking & Mounting(2)

IDC D-Sub Connectors(3)

PCB D-Sub Connectors(7)

Customers Also Bought

TE Part #1658676-1
D-Sub Crimp: Plug, Signal, 26 Posn, Pin Size 22, Shell Size 2

TE Part #1551573-5
Shield Finger, Loose Piece

TE Part #1218408-4
AMPLIMITE, ASY, RCPT, RTANG, 109, 4

TE Part #1-1623928-5
CFR16 5% 3K3

TE Part #1-747946-5
IDC D-Sub: Connector Kit, Plug, Wire to Wire, Signal, 2.77 mm

TE Part #1337808-1
50 OHM COAX SMA STR PLUG STR P

TE Part #1337771-4
50 OHM COAX BNC STR PLUG STR P

TE Part #1-350374-9
12P STR/REL HNGD

TE Part #YDJT16E15-35PBV001
PLUG ASSY

TE Part #1478885-1
PG EMC GLAND PG7



Documents

Product Drawings

68 .8MM CHAMP PLUG KIT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5787131-3_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5787131-3_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5787131-3_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

Product Environmental Compliance

MD_5787131-3_04202013245_dmtec

English

MD_5787131-3_04202013245_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Mass Termination Tooling Assembly 543580-1 & Cutter Subassembly 543610

English