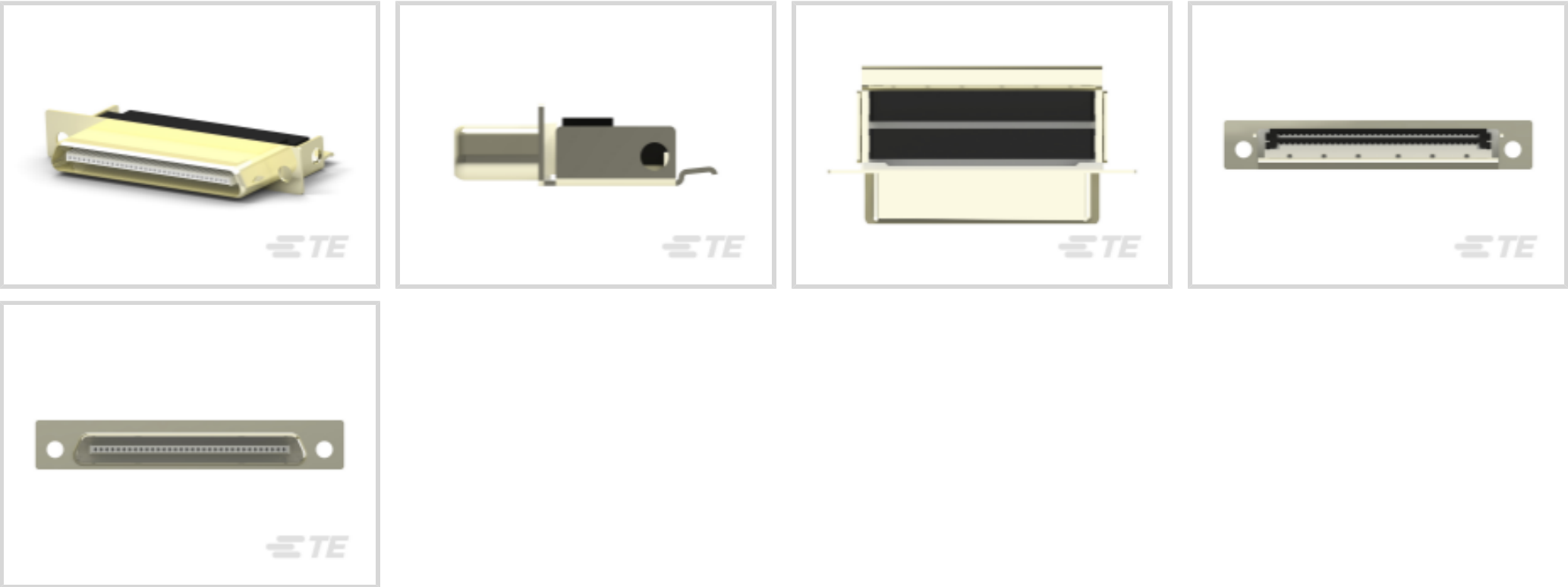




Connectors > D-Shaped Connectors > IDC D-Sub: Connector Kit, Plug, Signal, 0.8 mm



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 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	68

Body Features

Shell Plating Material	Tin over Copper
Primary Product Color	Natural

Contact Features

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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

Stranded Wire Size	.05 mm²
Compatible Insulation Diameter Range	.56 – .64 mm

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>

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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 # 787229-1 68 .8MM CHAMP BACKSHELL KIT	 TE Part # 787231-1 .8MM CHAMP,BULK KIT	 TE Part # CAT-469-DRSC9008 D-Sub Receptacle Stacked Assembly: Right Angle, 0.8mm	 TE Part # 5796055-4 68 CHAMP R/A ASSY, LONG TAIL
 TE Part # 5796055-1 68 CHAMP R/A ASSY, LC	 TE Part # CAT-020-DRCV127 CHAMP D-Sub Receptacle Assembly: Vertical, 1.27mm	 TE Part # CAT-469-D650155 IDC D-Sub: Connector Kit, Plug, Signal, 0.8 mm	 TE Part # 5787973-1 36 .8MM CHAMP RCPT ASSY



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

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

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

TE Part # 5788362-1
.8MM CHAMP BACKSHELL KIT

TE Part # 6658751-1
.8MM CHAMP, 50 POS, RCPT ASSY

TE Part # 787004-3
.8MM SCREWLOCK BRDMT,BULK

TE Part # 787003-3
.8MM LATCHING POST,BRDMT,BULK

Also in the Series

CHAMP .8 mm Connector

Connector Hardware(2)

D-Shaped Connectors(13)

D-Sub Backshells & Clamps(5)

IDC D-Sub Connectors(3)

Panel Mount D-Sub Connectors(4)

Customers Also Bought

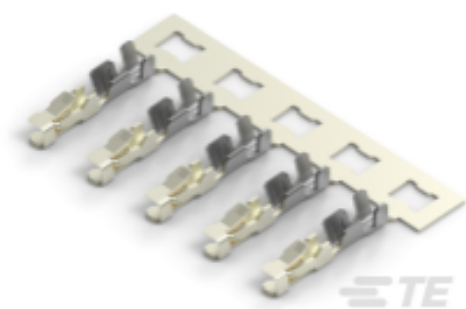
TE Part #1658677-1
HDP-22,OVRMLD,PLUG KIT,SIZE 3,

TE Part #471510-000
2524G0524-9

TE Part #945519-000
0024K0214-9

TE Part #5745174-3
CABLE CLAMP KIT,SZ 4,,500





TE Part #5-2316114-5
2MM,REC,CNT,CRIMP,28-30AWG,0.76UM,APPL



TE Part #5750752-1
68 50SR BKSHELL KIT W/BOOT



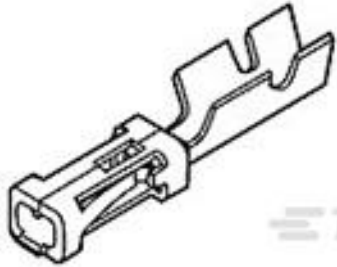
TE Part #5749621-9
100 50S CABLE PLUG CONN/COV KI



TE Part #1-2823207-0
10P,2MM,PL,SRVT,SMD,0.76AU,TR W/CAP



TE Part #1658648-1
KIT,HDP-20,OVRMLD,PLUG,SIZE 3,



TE Part #6-102316-4
MOD IV RECP LP LF

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