

5787775-1 ✓ ACTIVE

CHAMP | CHAMP .8 mm Connector

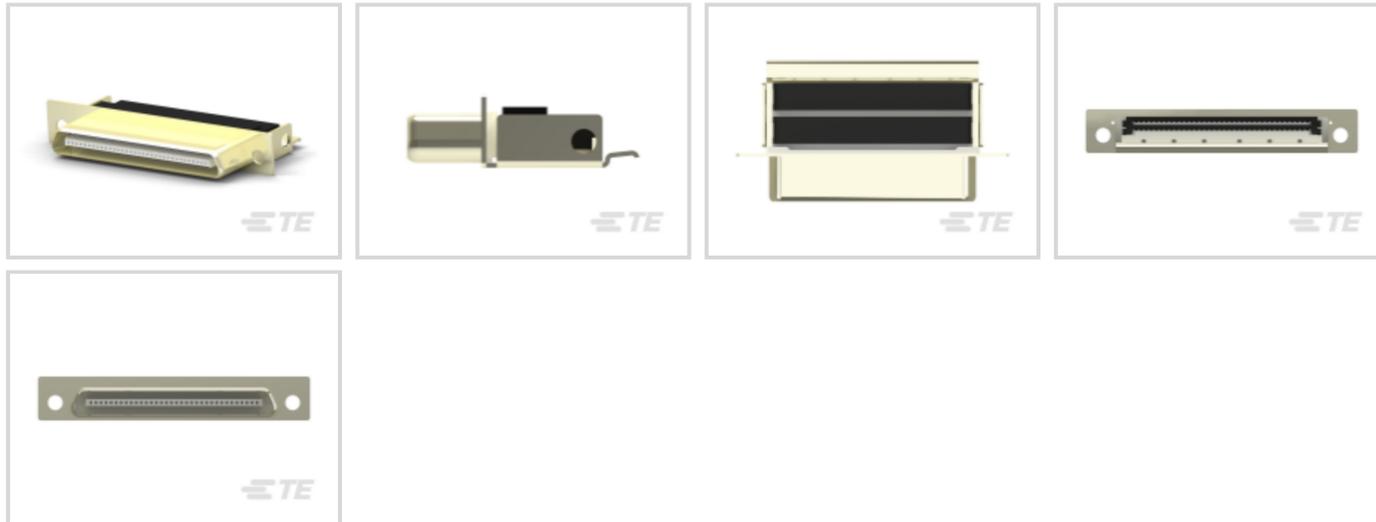
TE Internal #: 5787775-1

IDC D-Sub Connectors, Plug, .05 mm² Stranded Wire, 30 AWG Stranded Wire, Shielded, Cable-to-Cable, 68 Position, CHAMP .8 mm Connector

[View on TE.com >](#)



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

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 over Copper
Primary Product Color	Natural

Contact Features

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

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

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

Compatible Insulation Diameter Range	.56 - .64 mm
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Stranded Wire Size	30 AWG
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Usage Conditions

Operating Temperature Range	-55 - 85 °C[-67 - 185 °F]
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Operation/Application

Circuit Application	Signal
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Shielded	Yes
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	1
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Packaging Method	Package
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240)
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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



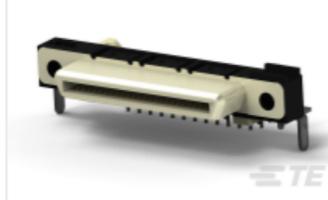
TE Part # CAT-469-D650155
IDC D-Sub: Connector Kit, Plug, Signal, 0.8 mm



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



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



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



TE Part # 787229-1
68 .8MM CHAMP BACKSHELL KIT



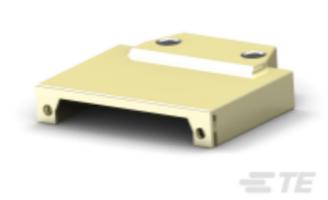
TE Part # 5787973-1
36 .8MM CHAMP RCPT ASSY



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



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



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



TE Part # 787231-1
.8MM CHAMP,BULK KIT



TE Part # 5796055-4
68 CHAMP R/A ASSY, LONG TAIL



TE Part # CAT-020-DRCV127
CHAMP D-Sub Receptacle Assembly: Vertical, 1.27mm



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



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



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

Also in the Series | CHAMP .8 mm Connector



Connector Backshells(5)



Connector Hardware(2)



IDC D-Sub Connectors(3)

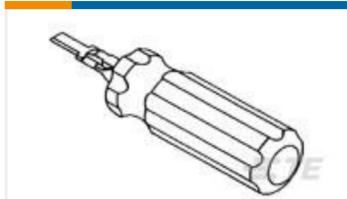


PCB D-Sub Connectors(8)

Customers Also Bought



TE Part # 91501-1
CCII MICRO MNL REC 24-20 ASSY



TE Part # 843996-6
TOOL, EXTRACTION RESET



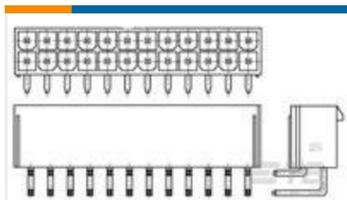
TE Part # 3-794618-4
04P MICRO MNL ASSY R/A HDR LF



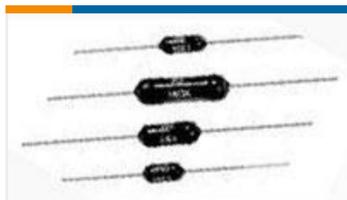
TE Part # 4-794618-2
12P MICRO MNL ASSY R/A HDR LF



TE Part # 3-794618-2
02P MICRO MNL ASSY R/A HDR LF



TE Part # 1586041-4
4P VAL-U-LOK R/A HDR V2



TE Part # 1-1879664-8
H8 1K74 0.1% 15PPM



TE Part # 165408
PG, RING, 1.5 - 2.5, M4, DIN



TE Part # 27314-1
DRAWCATCH,PANEL



TE Part # 3-361512-0
RAYRIM-NR7-0-STK



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

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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