5796055-4 ✔ ACTIVE

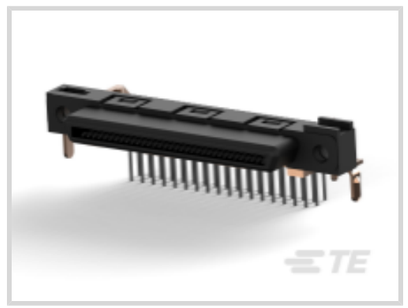
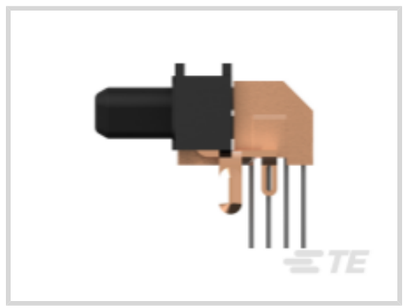
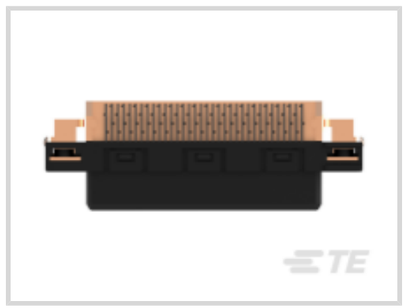
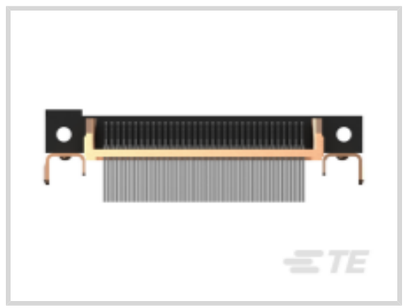
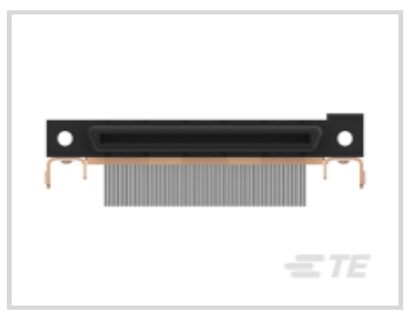
CHAMP | CHAMP .8 mm Connector

TE Internal #: 5796055-4

68 Position D-Shaped Connector, Receptacle, Cable-to-Board, Board Mount, .8 mm [.031 in] Centerline, Printed Circuit Board, CHAMP .8 mm Connector

View on TE.com >

Connectors > D-Shaped Connectors

Number of Positions: **68**

Connector & Housing Type: **Receptacle**

Connector System: **Cable-to-Board**

Connector Mounting Type: **Board Mount**

Centerline (Pitch): **.8 mm [.031 in]**

Features

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	68
Number of Rows	1
PCB Mount Orientation	Right Angle

Contact Features

Contact Current Rating (Max)	1.5 A
Contact Options	Installed

Termination Features

Rectangular Termination Post & Tail Width	.3 mm[.011 in]
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Connector Mounting Type	Board Mount
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Screwlocks

Housing Features

Centerline (Pitch)	.8 mm[.031 in]

Dimensions

Row-to-Row Spacing	1.15 mm[.045 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

Circuit Application	Signal

Product Compliance

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

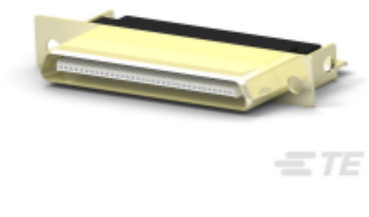
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

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

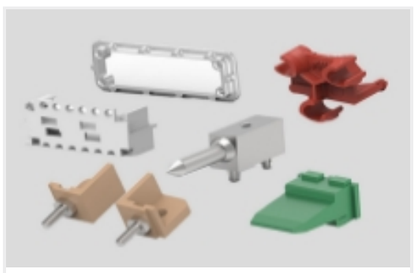


TE Part # 5787775-1
68 .8MM CHAMP OFSET CBL KIT

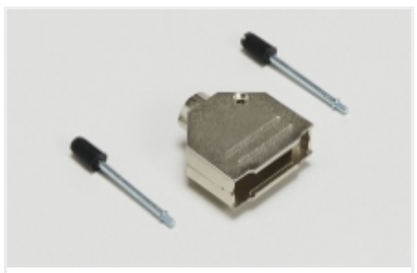
Also in the Series | CHAMP .8 mm Connector



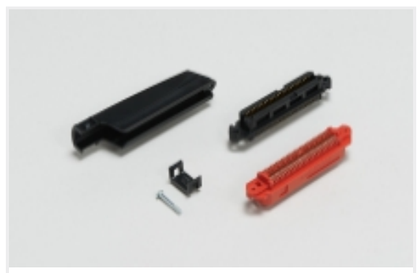
Connector Backshells(5)



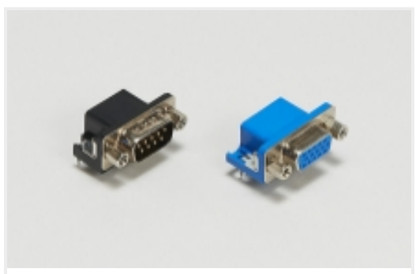
Connector Hardware(2)



D-Sub Backshells & Clamps(5)

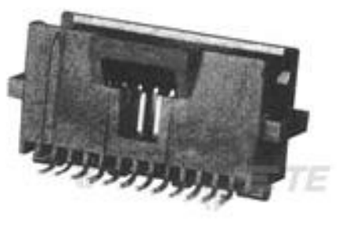


IDC D-Sub Connectors(3)



PCB D-Sub Connectors(9)

Customers Also Bought



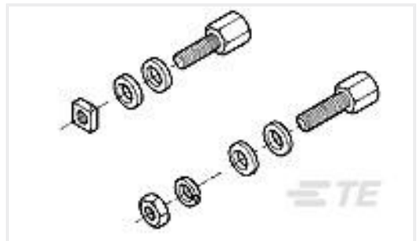
TE Part #5-104549-5
30 SYS50 S/M HDR DRST SHRDSN



TE Part #206802-2
PLUG ASSY,37 POSN,AMPLIMITE



TE Part #206803-2
AMPLIMITE RECEPT ASY,37 POS,



TE Part #212452-1
SCREWLOCK,FEMALE NON-MAG



TE Part #3-644894-3
03P CST100 SHRD HDR ASSY LF



TE Part #1241150-6
6P MOD II BREAK AWAY HDR , SMD, BLISTER



TE Part #9-1437514-0
8134-HC-5P3LF=PB FREE HOLTITE



TE Part #7-1625867-8
RP 1J 0.166W 40R2 0.1% 25PPM 1K RL

TE Part #7-2176304-8
RP 1E 0.1W 63R4 0.1% 25PPM 5K RL

TE Part #5-2176305-3
RP 1E 0.1W 374R 0.1% 25PPM 5K RL

Documents

Product Drawings

68 CHAMP R/A ASSY,LONG TAIL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5796055-4_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5796055-4_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5796055-4_C.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