

CHAMP | CHAMP .8 mm Connector

TE Internal #: 5796055-2

PCB D-Sub Connectors, Receptacle, Cable-to-Board, 68 Position, .8 mm [.031 in] Centerline, 4 Row, High Profile, Right Angle, CHAMP .

8 mm Connector

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Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors











Connector & Housing Type: Receptacle

Connector System: Cable-to-Board

Number of Positions: 68

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

Number of Rows: 4

Features

Product Type Features

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

Configuration Features

Number of Signal Positions	68
Number of Positions	68
Number of Rows	4
PCB Mount Orientation	Right Angle

Body Features

Insert Material	Thermoplastic
Shell Plating Material	Nickel over Copper
Primary Product Color	Black
Connector Profile	High

Contact Features



Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1.5 A
Termination Features	
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Rectangular Termination Post & Tail Width	.3 mm[.011 in]
Termination Post & Tail Length	3.55 mm[.14 in]
Termination Method to Printed Circuit Board	Through Hole - Solder
Mechanical Attachment	
Mounting Hole Diameter	1.2 mm
PCB Mount Alignment	Without
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Screwlocks
Connector Mounting Type	Board Mount
Housing Features	
Shell Material	Carbon Steel
Housing Material	Thermoplastic
Centerline (Pitch)	.8 mm[.031 in]
Dimensions	
PCB Thickness (Recommended)	2.35 mm
Row-to-Row Spacing	1.15 mm[.045 in]
Usage Conditions	
Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
Operation/Application	
Shielded	Yes
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0



Packaging Features

Packaging Quantity	32
Packaging Method	Box

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

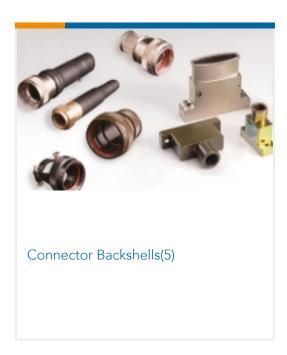
Compatible Parts







Also in the Series | CHAMP .8 mm Connector







IDC D-Sub Connectors(3)



Customers Also Bought

























Documents

Product Drawings 68 CHAMP R/A ASSY,LC

English

CAD Files

3D PDF

3D



Customer View Model

ENG_CVM_CVM_5796055-2_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5796055-2_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5796055-2_C.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