5552382-1 × OBSOLETE

CHAMP | CHAMP Docking Connectors

TE Internal #: 5552382-1

TE Internal Description: KIT, PLUG, 50 POS, C SLOT

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Connectors > D-Shaped Connectors



Number of Positions: **50**

Connector & Housing Type: **Plug**

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

Connector Mounting Type: **Cable Mount (Free-Hanging)**

Centerline (Pitch): **2.16 mm [.085 in]**

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	50

Body Features

Connector Profile	Standard
Cover Material	Thermoplastic

Contact Features

Contact Underplating Material	Palladium Nickel
Contact Mating Area Plating Material	Gold or Gold Flash
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Current Rating (Max)	.5 A, 1 A
Contact Options	Supplied – Uninstalled

Mechanical Attachment

Mating Retention	With
Mating Retention Type	Screwlocks
Thread Size	4-40
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2.16 mm[.085 in]

Dimensions

Accepts Cable Insulation Diameter Range	13.97 mm[.55 in]
Stranded Wire Size	.33 mm^2
Solid Wire Size	.64 mm^2
Compatible Insulation Diameter (Max)	1.14 mm[.045 in]

Usage Conditions

Operating Temperature Range	-40 – 75 °C[-40 – 167 °F]

Operation/Application

Shielded	Yes
Circuit Application	Signal

Packaging Features

Packaging Method	Bag
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: JUNE 2025 (250) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

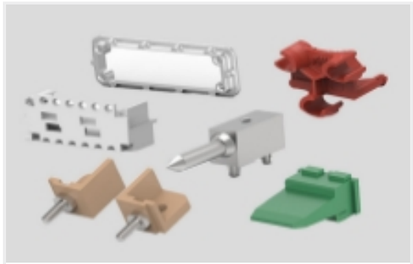
Product Compliance Disclaimer

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

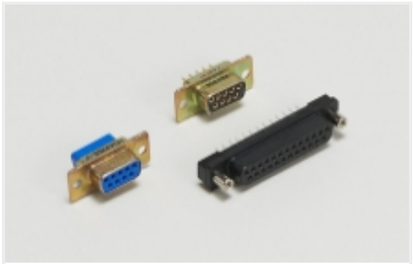
Also in the Series | CHAMP Docking Connectors



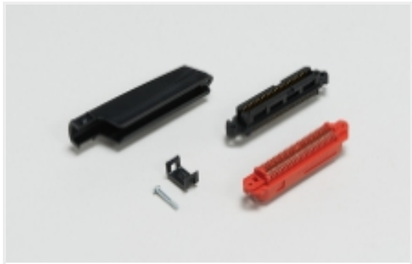
Connector Caps & Covers(27)



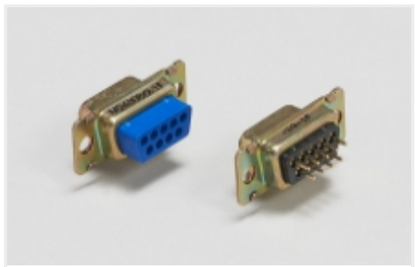
Connector Hardware(26)



D-Shaped Connectors(41)



IDC D-Sub Connectors(41)



Panel Mount D-Sub Connectors(5)

Customers Also Bought



TE Part #3-1437685-1
3TK2-48=SNAP TRACK,TERMINAL BL

Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5552382-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_5552382-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_5552382-1_A.3d_stp.zip

English

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