5406049-1 × OBSOLETE

CHAMP | CHAMP Docking Connectors

TE Internal #: 5406049-1

TE Internal Description: ASSY PLUG,64POS,SHLD CHAMP

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Connectors > D-Shaped Connectors



Number of Positions: **64**

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	64

Body Features

Cable Exit Angle	90°
Shield Plating Material	Nickel
Connector Profile	Standard
Cover Material	ABS Molding Compound
Shield Material	Steel

Contact Features

	30 µin
Contact Underplating Material	Palladium Nickel
Contact Mating Area Plating Material	Gold or Gold Flash
Contact Base Material	Phosphor Bronze

Contact Current Rating (Max)	.5 A, 1 A

Mechanical Attachment

Mating Retention	With
Mating Retention Type	Screwlocks
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

	.029 – .045 in
Stranded Wire Size	.33 mm²
Solid Wire Size	.13 – .32 mm²
Wire Size	24 AWG

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: JUNE 2022 (224) 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

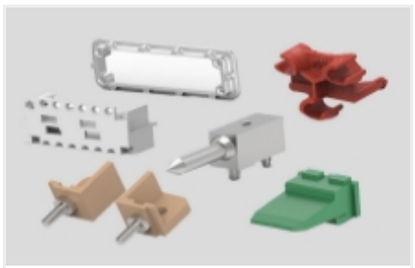
Product Compliance Disclaimer

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)



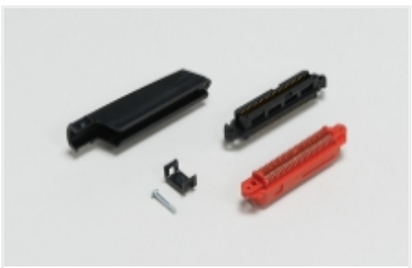
Connector Hardware(26)



Connector Strain Relief(2)



Docking Connectors(19)



IDC D-Sub Connectors(41)



Panel Mount D-Sub Connectors(5)

Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



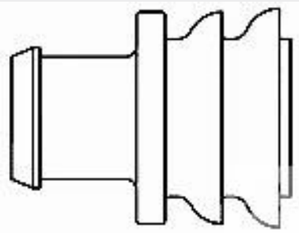
TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #206070-8
CABLE CLAMP KIT #17



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5406049-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_5406049-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_5406049-1_B.3d_stp.zip

English

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