

554946-2 ✓ ACTIVE

CHAMP | CHAMP Docking Connectors

TE Internal #: 554946-2

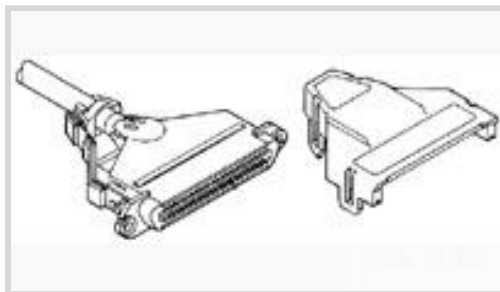
IDC D-Sub Connectors, 50 Position, 2.16 mm [.085 in] Centerline, 2

Row, CHAMP Docking Connectors

[View on TE.com >](#)



Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors



Number of Positions: 50

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

Number of Rows: 2

Features

Product Type Features

Connector Classification	IDC
Product Category	Connectors
Protective Cover	Without

Configuration Features

Number of Positions	50
Number of Rows	2

Body Features

Cable Exit Angle	180°
Cover Material	Polyphenylene Oxide
Strain Relief Material	Flame-Retardant Nylon
Color	Black

Housing Features

Centerline (Pitch)	2.16 mm [.085 in]
--------------------	-------------------

Dimensions

Cable Outside Diameter	8.89 – 15.88 mm [.35 – .625 in]
------------------------	---------------------------------

Packaging Features

Packaging Quantity	1
Packaging Method	Bag

Other

Comment	For cable diameter of 12.70 [.500] or less
---------	--



use -1 kit. For cable diameter greater than 12.70 [.500] use -2 kit.

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 2022 (224) Candidate List Declared Against: JAN 2022 (223) 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>

Compatible Parts



Also in the Series | [CHAMP Docking Connectors](#)



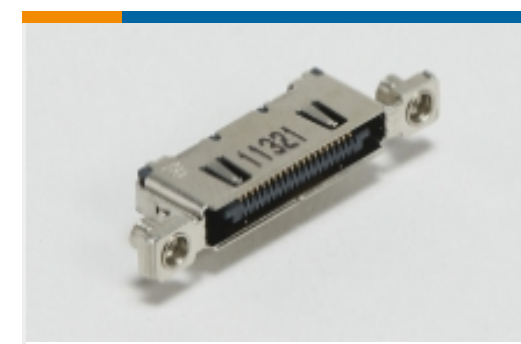
D-Sub Covers(28)



D-Sub Locking & Mounting(29)



Docking Connector Guide Hardware(5)



Docking Connectors(31)



IDC D-Sub Connectors(79)



PCB D-Sub Connectors(1)

Documents

Product Drawings

[COVER KIT, 180 DEG,50 POS,SHLD](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_554946-2_C.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_554946-2_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_554946-2_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

Product Environmental Compliance

[TE Material Declaration](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)



English

AMP* SHIELDED CHAMP* 180 DEG CONNECTOR KITS AND COVER KITS

English