5229913-4 - ACTIVE

CHAMP | CHAMP Docking Connectors

TE Internal #: 5229913-4 IDC D-Sub Connectors, Receptacle, 26 – 24 AWG Solid Wire Size, . 13 – .32 mm² Solid Wire Size, .33 mm² Stranded Wire, CHAMP Docking Connectors

View on TE.com >



Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors > IDC D-Sub: Receptacle Kit, Signal, 50, 2.16 mm



Connector & Housing Type: Receptacle

Solid Wire Size: .13 – .32 mm²

Stranded Wire Size: .33 mm²

All IDC D-Sub: Receptacle Kit, Signal, 50, 2.16 mm (10)

Features

Product Type Features

Connector Kit Type

Connector & Housing Type

Connector System

Connector Kit

Receptacle

Cable-to-Board, Cable-to-Cable

Connector Product Type	Connector Kit
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	50
Number of Rows	2
Compatible With Wire & Cable Type	Discrete Wire, Round Jacketed Cable
Body Features	
Connector Profile	Standard
Contact Features	
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
Contact Underplating Material	Palladium Nickel
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	.5 A, 1 A
Mechanical Attachment	

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Mating Retention	With
Mating Retention Type	Screwlocks
Thread Size	4-40
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	Polyphenylene Oxide
Centerline (Pitch)	2.16 mm[.085 in]
Dimensions	
Accepts Cable Diameter (Max)	10.8 mm[.425 in]
Accepts Cable Insulation Diameter Range	8.89 – 10.8 mm[.35 – .425 in]
Compatible Insulation Diameter (Max)	1.14 mm[.045 in]
Solid Wire Size	.13 – .32 mm²
Stranded Wire Size	.33 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 Quantity	1
Packaging Method	Bag
Product Compliance For compliance documentation, visit the product page on TE.com> EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	

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ppm.

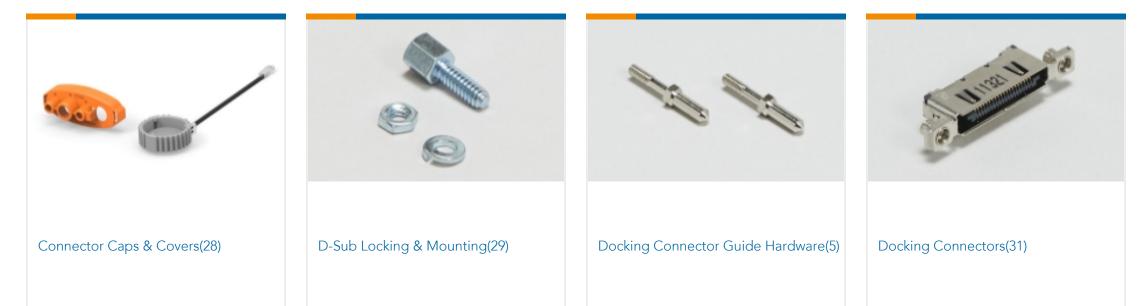
Solder Process Capability

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



IDC D-Sub Connectors(77)	PCB D-Sub Connectors(1)

Customers Also Bought



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IDC D-Sub Connectors, Receptacle, 26 – 24 AWG Solid Wire Size, .13 – .32 mm² Solid Wire Size, .33 mm² Stranded Wire, CHAMP Docking Connectors





Documents

Product Drawings KIT, RCPT, 50 POS, B SLOT

English

CAD Files

Customer View Model ENG_CVM_CVM_5229913-4_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5229913-4_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5229913-4_O.3d_stp.zip

English

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