5552382-1 × OBSOLETE

CHAMP | CHAMP Docking Connectors

TE Internal #: 5552382-1

TE Internal Description: KIT, PLUG, 50 POS, C SLOT IDC D-Sub: Connector Kit, Plug, Signal, 2.16 mm

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Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors > IDC D-Sub: Connector Kit, Plug, Signal, 2.16 mm



Connector & Housing Type: Plug

Solid Wire Size: .64 mm²

Stranded Wire Size: 22 AWG

Shielded: Yes

All IDC D-Sub: Connector Kit, Plug, Signal, 2.16 mm (13)

Features

Product Type Features

Connector Kit Type	Connector Kit
Connector Cover Type	Protective Cover
Connector & Housing Type	Plug
Connector System	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

Cover Material	Thermoplastic
Connector Profile	Standard

Contact Features

Contact Options	Supplied – Uninstalled
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Contact Mating Area Plating Material	Gold or Gold Flash
Contact Underplating Material	Palladium Nickel



Contact Base Material	Phosphor Bronze	
Contact Current Rating (Max)	.5 A, 1 A	
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]	
Compatible Insulation Diameter (Max)	1.14 mm[.045 in]	
Solid Wire Size	.64 mm²	
Stranded Wire Size	22 AWG	
Usage Conditions		
Operating Temperature Range	-40 – 75 °C[-40 – 167 °F]	
Operation/Application		
Circuit Application	Signal	
Shielded	Yes	
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	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 2024 (241) Candidate List Declared Against: JAN 2024 (240)



		REACH	CV/II/C
$n \cap T$	CONTAIN	RFA(H	$\sim VH($

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

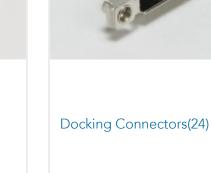
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Strain Relief(2)



Customers Also Bought





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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