2129392-2 ✔ ACTIVE

CHAMP | CHAMP Docking Connectors

TE Internal #: 2129392-2

Docking Connectors, Receptacle, Cable-to-Board, 70 Position, .5 mm [.021 in] Centerline, 2 Row, 70 Signal Positions, CHAMP Docking Connectors

View on TE.com >

Connectors > Docking Connectors







Docking Connector Style: **Receptacle**

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

Number of Positions: **70**

Centerline (Pitch): **.5 mm [.021 in]**

Number of Rows: **2**

Features

Product Type Features

Docking Connector Style	Receptacle
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	70
Number of Rows	2
Number of Signal Positions	70
Number of Power Positions	0
PCB Mount Orientation	Right Angle

Contact Features

Number of Utility Contacts	0
Contact Current Rating (Max)	.6 A

Termination Features

Termination Method to Printed Circuit Board	Surface Mount, Through Hole - Solder

Mechanical Attachment

PCB Mount Retention Type	Boardlock, Screwlock
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	.5 mm[.021 in]

Usage Conditions

Operating Temperature Range	-20 - 65 °C[-4 - 149 °F]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Method	Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

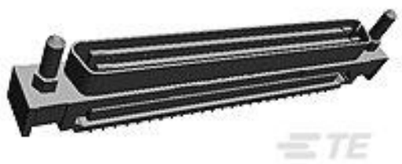
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

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

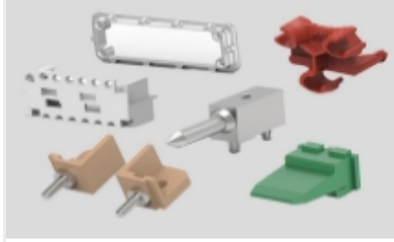


TE Part # 5787887-1
200 50SR CMP LP VERT PLUG,DOCK

Also in the Series | CHAMP Docking Connectors



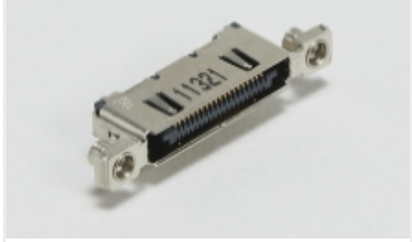
Connector Caps & Covers(28)



Connector Hardware(30)



Connector Strain Relief(3)



Docking Connectors(25)



IDC D-Sub Connectors(64)

Customers Also Bought



TE Part # 1-1462037-4
IM03GR=IM RELAY 140mW 5V



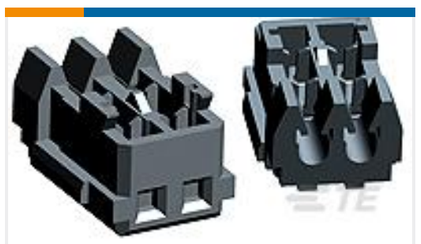
TE Part # 292227-2
1.5 MINI CT SGL H SMT W BOSS 2



TE Part # 292230-3
1.5 MINI CT SGL V SMT W/BOSS 3



TE Part # 292230-5
1.5 MINI CT SGL V SMT W/BOSS 5



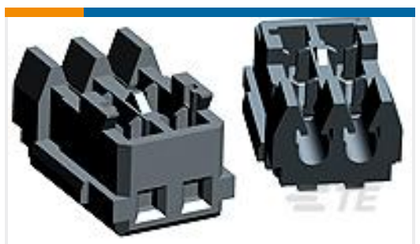
TE Part # 353293-5
MINI CT MT REC ASSY 5P GRAY



TE Part # 292227-4
1.5 MINI CT SGL H SMT W BOSS 4



TE Part # 292207-9
MINI CT SGL DIP V 9P NAT



TE Part # 353293-3
MINI CT MT REC ASSY 3P GRAY



TE Part # 2129390-2
PLUG ASSY 0.5mm champ docking connector

Documents

Product Drawings

Receptacle ASSY 0.5mm champ docking conn

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2129392-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2129392-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2129392-2_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Product Specifications

Product Specification

English