

CHAMP | CHAMP Docking Connectors

TE Internal #: 2129390-2

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

Connectors

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Connectors > Docking Connectors











Docking Connector Style: Plug

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	Plug
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

.6 A

Contact Current Rating (Max)



Termination Method to PCB	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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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



Also in the Series | CHAMP Docking Connectors





Connector Hardware(28)



Connector Strain Relief(2)



Docking Connectors(24)



Customers Also Bought





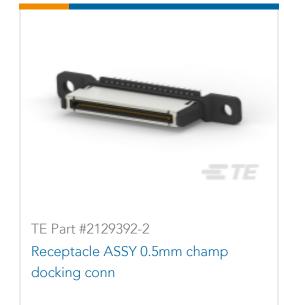












Documents

Product Drawings

PLUG ASSY 0.5mm champ docking connector

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2129390-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2129390-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2129390-2_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Product Specification

English