2129390-2 ! PENDING OBSOLESCENCE

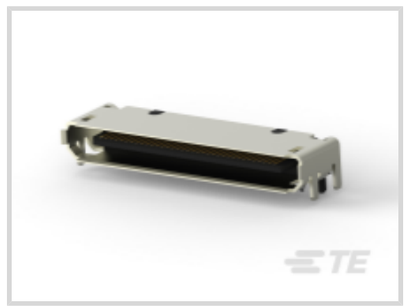
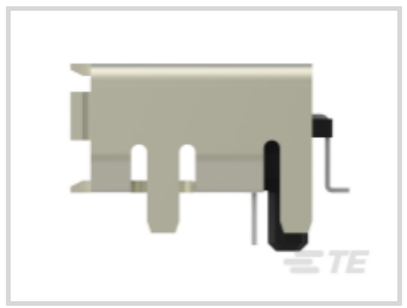
CHAMP | CHAMP Docking Connectors

TE Internal #: 2129390-2

TE Internal Description: PLUG ASSY 0.5mm champ docking connector

View on TE.com >

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

Packaging Features

Packaging Method	Reel

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

Contact Current Rating (Max)	.6 A

Termination Features

Termination Method to PCB	Through Hole - Solder, Surface Mount

Mechanical Attachment

PCB Mount Retention Type	Screwlock, Boardlock
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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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

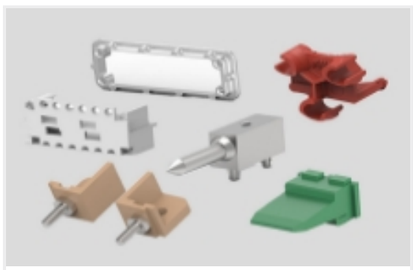
chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may 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

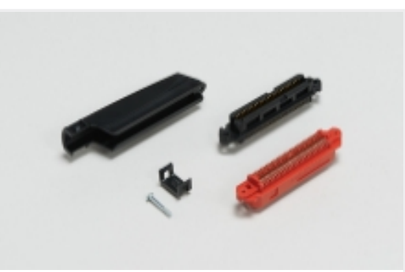
Connector Caps & Covers(31)



Connector Hardware(28)

Connector Strain Relief(2)

Docking Connectors(19)



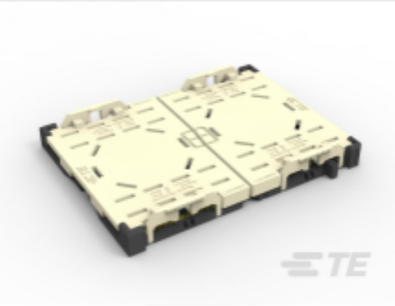
IDC D-Sub Connectors(55)

Customers Also Bought

TE Part #1447360-9
3100069=SEALED FINGR 1715EMBOS

TE Part #2822541-1
PUSH-PUSH MICRO SIM CONNECTOR

TE Part #2309567-1
12G SAS REC RIGHT ANGLE CONNECTOR



TE Part #1-2324271-4
LEFT SEGMENT LGA4189-4 SOCKET-P4 FOR ODM

TE Part #2227730-1
zSFP+ 1x4 Cage Assembly, Press-Fit

TE Part #2-1761465-4
PCI Express RA assy 5.8mm slot 2.3 mm pc

TE Part #2129392-2
Receptacle ASSY 0.5mm champ docking conn

TE Part #2320065-1
MINI IO CABLE ASSEMBLY

TE Part #2333781-1
MINI IO TO RJ45 CABLE ASSEMBLY

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

Product Specifications

Product Specification

English