

2129625-1 ✓ ACTIVE

CHAMP | CHAMP Docking Connectors

TE Internal #: 2129625-1

Receptacle, 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: **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	Vertical

### Contact Features

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

### Termination Features



Termination Method to PCB	Surface Mount, Through Hole - Solder
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### Mechanical Attachment

PCB Mount Retention Type	Boardlock, Screwlock
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PCB Mount Retention	With
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Connector Mounting Type	Board Mount
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### Housing Features

Centerline (Pitch)	.5 mm [.021 in]
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### Usage Conditions

Operating Temperature Range	-20 – 65 °C [-4 – 149 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Packaging Features

Packaging Method	Reel
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Reflow solder capable to 260°C
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#### Product Compliance Disclaimer

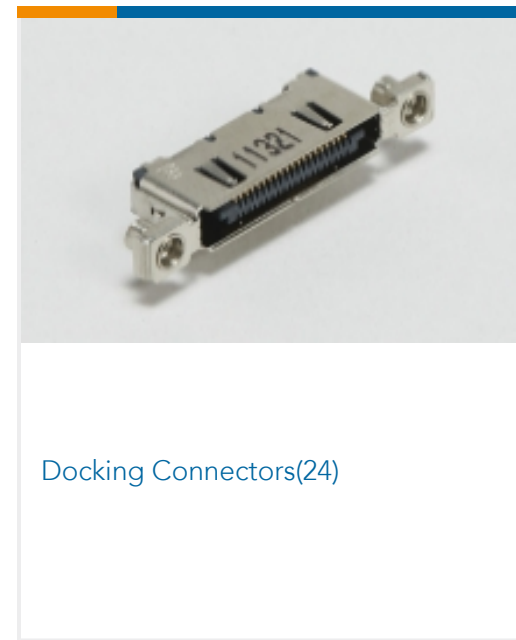
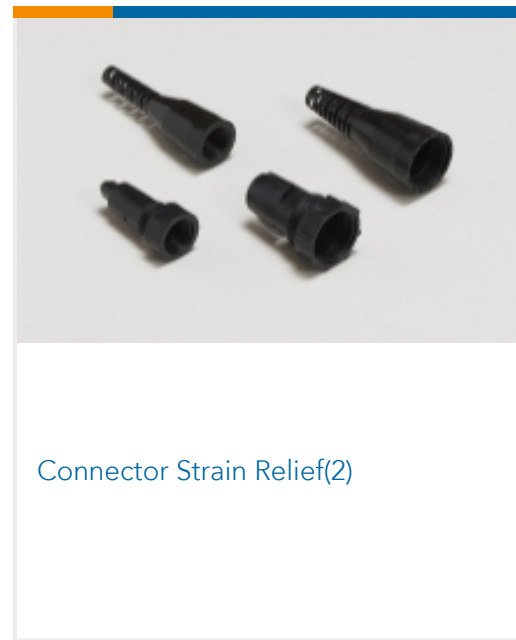
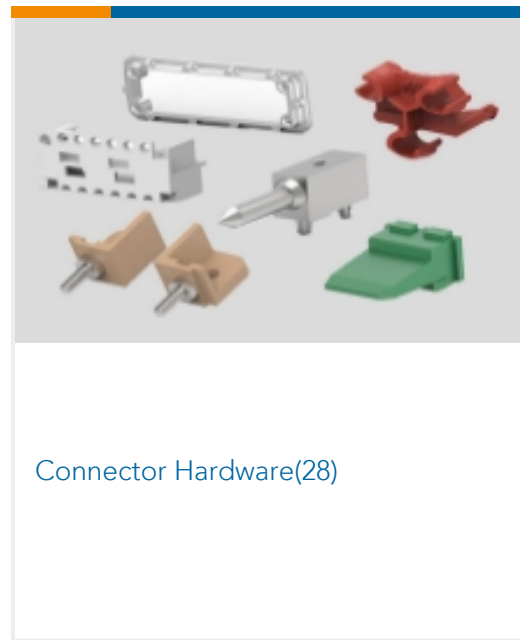
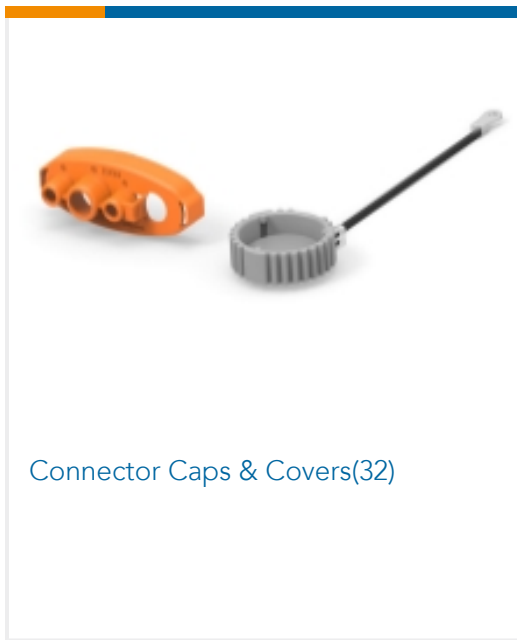
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

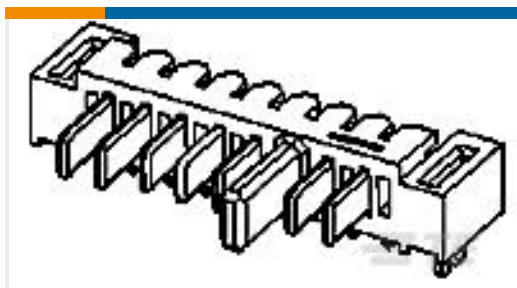


## Also in the Series | CHAMP Docking Connectors



## Customers Also Bought

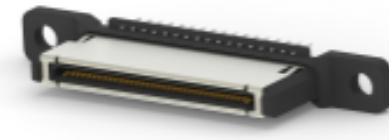




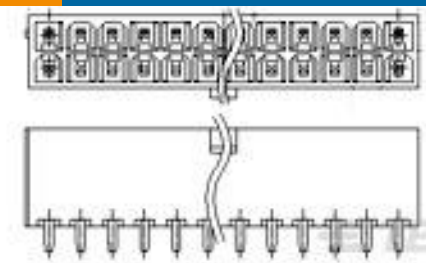
TE Part #1932154-1  
2mm pitch Battery Plug Assy.7Pos  
Reverse



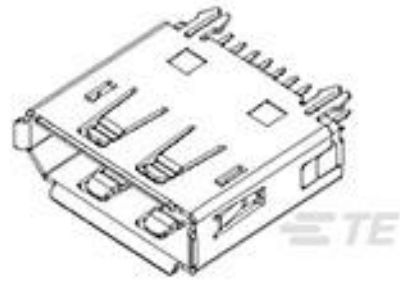
TE Part #2129256-1  
EJECTOR ASSY, TOP MOUNT C-  
PUSH ExpConn



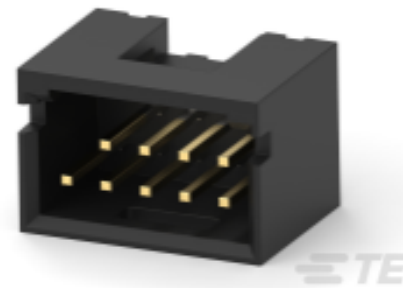
TE Part #2129392-2  
Receptacle ASSY 0.5mm champ  
docking conn



TE Part #4-1775099-5  
ATX PWR CONN 14 POS



TE Part #2041441-3  
Displayport,20P,Vertical,DIP Type,15u"



TE Part #1977156-1  
10 MODII HDR DRST SHRD .100CL, S-  
Load

## Documents

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2129625-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2129625-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2129625-1\\_A.3d\\_stp.zip](#)

English

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### Product Specifications

Product Specification

English