

2129276-1 ✓ ACTIVE

CHAMP | CHAMP Docking Connectors

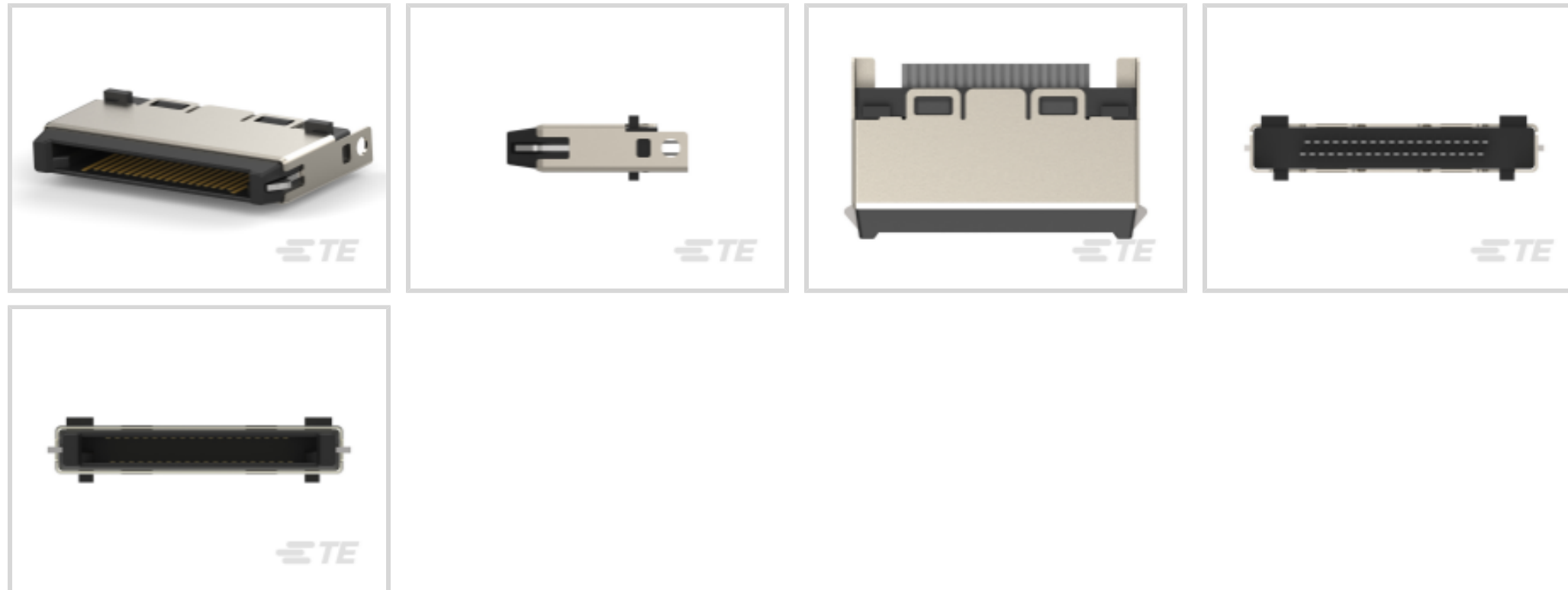
TE Internal #: 2129276-1

Plug, Cable-to-Board, 40 Position, .6 mm [.024 in] Centerline, 3 Row, 40 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: **40**

Centerline (Pitch): **.6 mm [.024 in]**

Number of Rows: **3**

### 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	40
Number of Rows	3
Number of Signal Positions	40
Number of Power Positions	0
PCB Mount Orientation	Vertical

#### Body Features

Shell Base Material	Stainless Steel
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#### Contact Features

Contact Mating Area Plating Material	Gold (Au)
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Contact Base Material	Copper Alloy
Number of Utility Contacts	0
Contact Current Rating (Max)	.5 A, 1 A

#### Termination Features

Termination Post & Tail Length	1.5 mm[.06 in]
Termination Method to PCB	Through Hole - Solder

#### Mechanical Attachment

PCB Mount Alignment	With
PCB Mount Retention Type	Hold-Down Post
PCB Mount Retention	With
Connector Mounting Type	Board Mount

#### Housing Features

Centerline (Pitch)	.6 mm[.024 in]
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#### Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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#### Operation/Application

Circuit Application	Power & Signal
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#### Industry Standards

UL Flammability Rating	UL 94V-0
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#### Packaging Features

Packaging Method	Tray
Packaging Quantity	60

#### 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	Not Yet Reviewed
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 2025 (247) Candidate List Declared Against: JUNE 2022 (224) 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

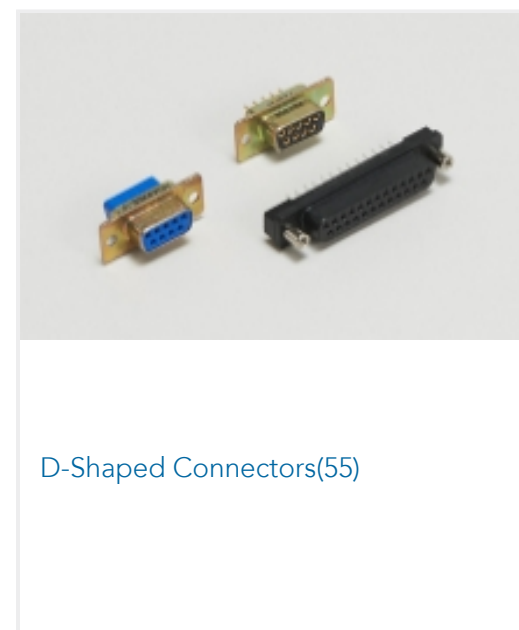
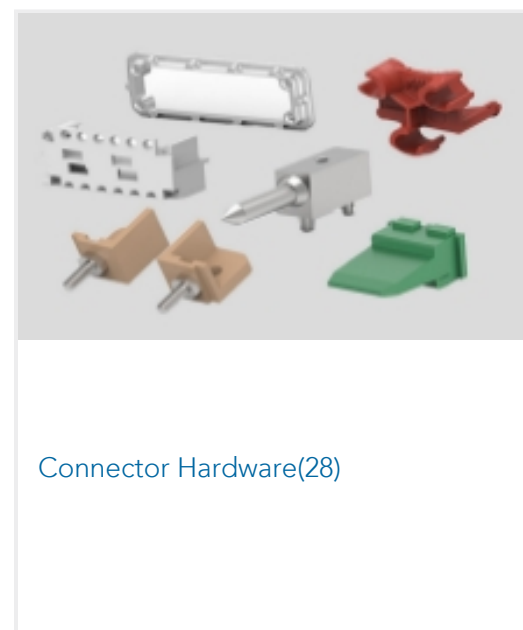
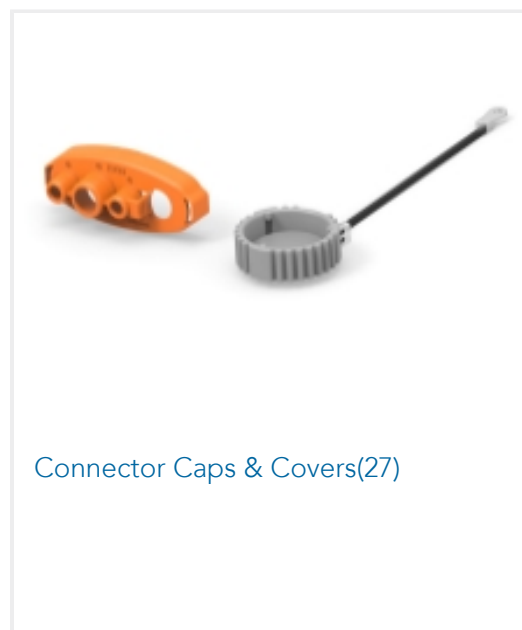
Product Compliance Disclaimer

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>

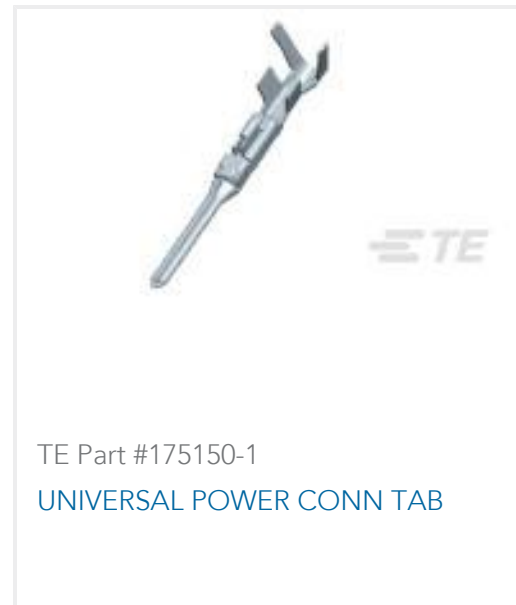
### Compatible Parts



### Also in the Series | CHAMP Docking Connectors



## Customers Also Bought



## Documents

### Product Drawings

#### PLUG ASSY 0.6mm CHAMP DOCKING

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2129276-1\\_C.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2129276-1\\_C.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2129276-1\\_C.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.



### Datasheets & Catalog Pages

[6-1773457-9\\_CHAMP\\_DOCKING\\_CONNECTOR\\_QUICK\\_REFERENCE\\_GUIDE](#)

English

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### Product Specifications

[Product Specification](#)

English