

2129261-1 ✓ ACTIVE

CHAMP | CHAMP Docking Connectors

TE Internal #: 2129261-1

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 Thickness	.38 µm
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Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy
Number of Utility Contacts	0
Contact Current Rating (Max)	.5 A, 1 A

Termination Features

Termination Post & Tail Length	1.7 mm[.067 in]
Termination Method to PCB	Surface Mount, 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 Quantity	300
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>

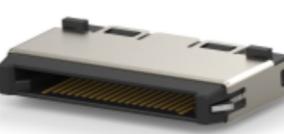
Compatible Parts



TE Part # 2129260-2
REC ASSY 0.6mm CHAMP DOCKING C



TE Part # 2129260-1
REC ASSY 0.6mm CHAMP DOCKING C



TE Part # 2129276-1
PLUG ASSY 0.6mm CHAMP DOCKING

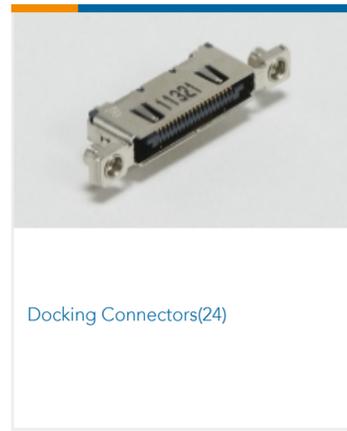
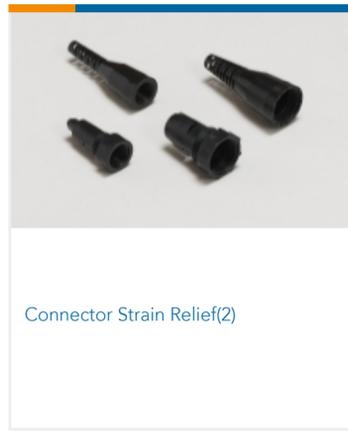


TE Part # 2129326-1
REC ASSY 0.6mm CHAMP DOCKING CONN.40P



TE Part # 2129283-1
PLUG ASSY 0.6mm CHAMP DOCKING CONN.40P

Also in the Series | **CHAMP Docking Connectors**



Customers Also Bought



Documents



Product Drawings

PLUG ASSY 0.6mm CHAMP DOCKING

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2129261-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2129261-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2129261-1_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

Product Specifications

Product Specification

English