



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
Contact Current Rating (Max)	.6 A

Termination Features

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Termination Method to PCB	Surface Mount, Through Hole - Solder
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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]
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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
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: JAN 2025 (247) 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>


Also in the Series | CHAMP Docking Connectors



Connector Caps & Covers(27)




Connector Hardware(28)



D-Shaped Connectors(55)



IDC D-Sub Connectors(55)




Panel Mount D-Sub Connectors(10)

Customers Also Bought



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #CAT-D487-W416
WedgeLocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL

Documents

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

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Product Specifications

[Product Specification](#)

English