



Connectors > Dock Connectors & Guide Hardware > Docking Connectors



Docking Connector Style: **Plug**

Connector System: **Cable-to-Board**

Number of Positions: **200**

Centerline (Pitch): **1.27 mm [.05 in]**

Number of Rows: **8**

Features

Product Type Features

Grounding Options	Panel Ground
Ground Component Type	Grounding Plate
Docking Connector Style	Plug
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	200
Number of Rows	8
Number of Signal Positions	200
Number of Power Positions	0
PCB Mount Orientation	Vertical

Body Features

Ground Plate Material	Stainless Steel
Shell Base Material	Steel

Contact Features

	30 μin
Contact Mating Area Plating Material	Gold



Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Number of Utility Contacts	0
Contact Current Rating (Max)	.5 A

Termination Features

Termination Post & Tail Length	3.7 mm[.146 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

PCB Mount Alignment	Without
Panel Mount Feature	With
PCB Mount Retention Type	Boardlock
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Polyester
Housing Color	Natural
Centerline (Pitch)	1.27 mm[.05 in]

Dimensions

Panel Thickness (Recommended)	.55 – 1.2 mm[.022 – .047 in]
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Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	24
Packaging Method	Box

Product Compliance

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



EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2020 (205) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°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



D-Sub Covers(27)



D-Sub Locking & Mounting(31)



Docking Connector Guide Hardware(5)



Docking Connectors(33)



IDC D-Sub Connectors(85)



PCB D-Sub Connectors(1)

Customers Also Bought



TE Part #1761327-2
SFP+ Stacked Cage Assemblies



TE Part #5787855-2
200 CMP DCK RA PLG REV SEQ3.18



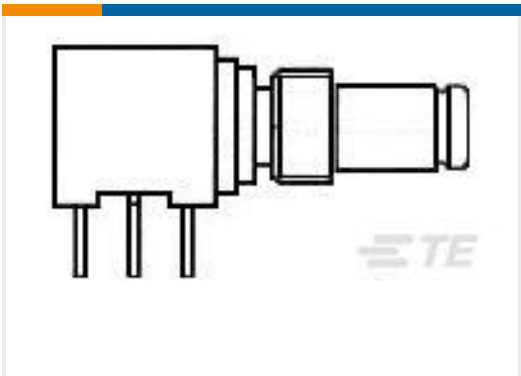
TE Part #1624332-2
LT73 3900 2A 1K5 5%



TE Part #1-5353999-0
Free Height Receptacle Conn: Board-Board, Vertical, 200, 0.8mm



TE Part #1932605-1
1X1SFP CAGE ASSY & PT CONNECTOR ASSY



TE Part #1460060-1
1.0/2.3 R/A PCB JACK, 50 OHM



TE Part #2007821-2
IMP100S,H,V4P10C,UG,LEW39,4.9



TE Part #2018849-1
ASSY, SEATING TL, 6 ROW, 6 COL



TE Part #2018855-1
ASSY, SEATING TL, 4 ROW, 8 COL



TE Part #2132615-2
IMP100O,HMP,V4P8C,UG,DEW39,5.5

Documents



Product Drawings

200 50SR CMP LP VERT PLUG,DOCK

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5787886-1_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_5787886-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_5787886-1_O.3d_stp.zip

English

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Product Specifications

Application Specification

English

CHAMP .050 Series Low Profile Docking Connectors

English