



Connectors > PCB Connectors > Board-In Connectors > Paddle Board Connector



PCB Connector Type: **PCB Mount Paddleboard Connector**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **14**

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

[All Paddle Board Connector \(19\)](#)

Features

Product Type Features

PCB Connector Type	PCB Mount Paddleboard Connector
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board, Wire & Cable

Configuration Features

Wire Entry Location	Top
PCB Mount Orientation	Vertical
Number of Positions	14
Compatible With Wire & Cable Type	Ribbon Cable
Number of Rows	2

Electrical Characteristics

Operating Voltage	100 VDC
Insulation Resistance	1000 MΩ

Body Features

Primary Product Color	Red
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Contact Features

Contact Underplating Material	Nickel
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PCB Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Material	Tin
Wire Contact Termination Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material Thickness	3 – 5 µm[118.11 – 196.85 µin]
Contact Base Material	Phosphor Bronze
Wire Contact Termination Area Plating Thickness	1 µm[39.37 µin]
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	1.5 A

Termination Features

Rectangular Termination Post & Tail Width	.4 mm[.015 in]
Rectangular Termination Post & Tail Thickness	.5 mm[.02 in]
Termination Post & Tail Length	3.2 mm[.125 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

PCB Mount Retention Type	Kinked Solder Tails
PCB Mount Alignment	With
PCB Mount Retention	With

Housing Features

Centerline (Pitch)	1.27 mm[.05 in]
Housing Material	PBT GF

Dimensions

Row-to-Row Spacing	2 mm[.059 in]
Compatible Insulation Diameter Range	.8 – 1 mm[.035 – .039 in]
Connector Height	5.1 mm[.2 in]
Wire Size	28 AWG
Connector Length	21.3 mm[.838 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards



UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL E28476

Packaging Features

Packaging Quantity	250
Packaging Method	Box, Carton

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: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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



TE Part # 438685-1
TERM.PUSHER ASSY

TE Part # 734024-1
Micro-MaTch ADAPTER, 4-24 POS.

TE Part # 677412-4
SEMI AUTO.MACHINE, MICRO-MATCH, 4-24 POS

Also in the Series | Micro-MaTch Industrial

Board-In Connectors(20)

Connector Contacts(4)

Insertion & Extraction Tools(1)

Pluggable I/O Cable Assemblies(52)

Ribbon Cable Connectors(183)

Customers Also Bought

TE Part #2160753002
55A0111-24-5

TE Part #1-770903-0
MINI UMNL PIN 22-18 AWG AU

TE Part #3-640663-1
MINI AMP-IN 26-22 PTPHBZ

TE Part #5054412014
RNF-100-1/4-5-STK

TE Part #2160743002
55A0111-24-3

TE Part #9037873002
FLDWC0311-0.35-0

TE Part #CAT-55A-TC-H24
General Purpose Hookup Wire: Tin Coated Copper Wire, 24 AWG

TE Part #3-1623925-3
CFR100 5% 33R



Documents

Product Drawings

[MICRO-MATCH PBC.14P](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_8-215570-4_S.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-215570-4_S.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-215570-4_S.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Micro-MaTch Catalog](#)

English

[Ribbon Cable Interconnect Solutions](#)

English

[Centerline Micro-Match Connector Series](#)

English

Product Specifications

[Application Specification](#)

English

[micro match miniature connector system](#)

English