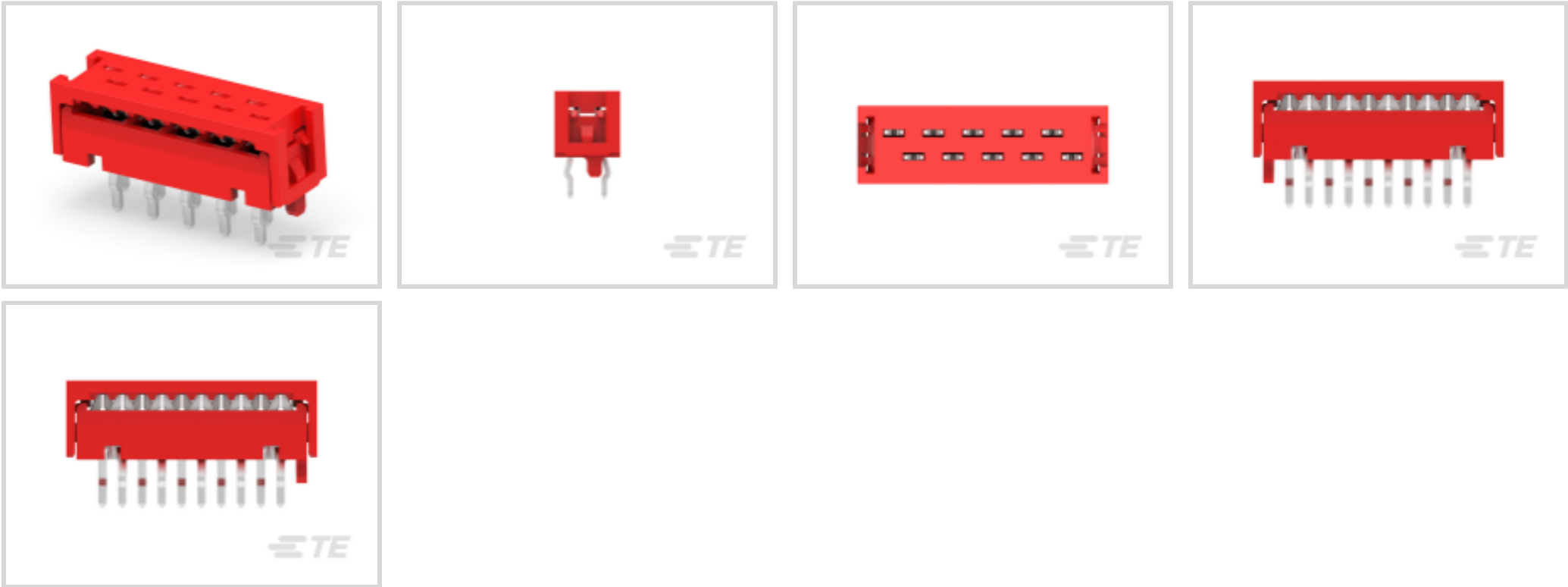




Connectors > PCB Connectors > Board-In Connectors > Paddle Board Connector



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **10**

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

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

Features

Electrical Characteristics

Operating Voltage	100 VDC
Insulation Resistance	1000 MΩ

Industry Standards

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

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	16.2 mm[.638 in]

Packaging Features



Packaging Quantity	2500
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Packaging Method	Reel
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Operation/Application

Solder Process Feature	Board Standoff
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Circuit Application	Signal
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Contact Features

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

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

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

Wire Entry Location	Top
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PCB Mount Orientation	Vertical
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Number of Positions	10
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Compatible With Wire & Cable Type	Ribbon Cable
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Number of Rows	2
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Product Type Features

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

Body Features

Primary Product Color	Red
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Housing Features

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

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	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 # 2-438685-4
TERMINATION PUSHER

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

TE Part # 438685-1
TERM.PUSHER ASSY

TE Part # 734024-1
Micro-MaTch ADAPTER, 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 #5-1879071-4
THS50 2K2 5%

TE Part #968183-1
2.RETAINER

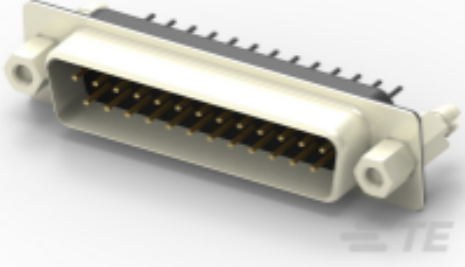
TE Part #7-1393250-0
W28-XT1A-5=W28

TE Part #1-1879508-8
CRGH0805 1% 15R 0.33W





TE Part #4-1415899-5
[RZ01-1C3-D024](#)



TE Part #2301835-2
[AMPL PLUG HD20, VERT, 25P, B/L,4-40 S/LO](#)



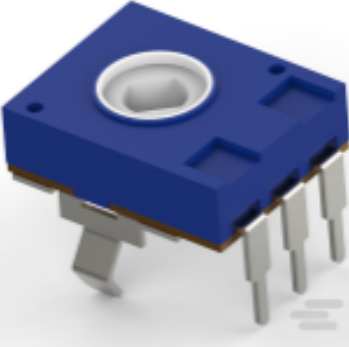
TE Part #4-1393763-0
[V23100V4324C000](#)



TE Part #1969795-1
[02P UMNL HDR ASSY SCKT V0 GW](#)



TE Part #1969800-1
[03P UMNL HDR ASSY, SCKT V0 GW](#)



TE Part #2176394-1
[51T 47K 20% LINEAR 10K MOQ](#)

Documents

Product Drawings
[MICRO-MATCH PBC.10P](#)

English

CAD Files
[3D PDF](#)

3D

Customer View Model
[ENG_CVM_CVM_1-215570-0_S.2d_dxf.zip](#)

English

Customer View Model
[ENG_CVM_CVM_1-215570-0_S.3d_igs.zip](#)

English

Customer View Model
[ENG_CVM_CVM_1-215570-0_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