

## Micro-MaTch | Micro-MaTch Industrial

TE Internal #: 215570-6

PCB Mount Paddleboard Connector, Vertical, Cable-to-Board, 6 Position, .05 in [1.27 mm] Centerline, Ribbon Cable, Micro-MaTch

Industrial

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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: 6

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

All Paddle Board Connector (20)

#### **Features**

## **Product Type Features**

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

# **Configuration Features**

Wire Entry Location	Тор
PCB Mount Orientation	Vertical
Number of Positions	6
Compatible With Wire & Cable Type	Ribbon Cable
Number of Rows	2

#### **Electrical Characteristics**

Insulation Resistance	1000 ΜΩ
Operating Voltage	100 VAC

## **Body Features**

Primary Product Color	Red	
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## **Contact Features**

PCB Contact Termination Area Plating Material Thickness 3 – 5 µm[118.11 – 196.85 µin]
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Wire Contact Termination Area Plating Thickness	1 μm[39.37 μin]
Wire Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1.5 A
Termination Features	
Rectangular Termination Post & Tail Thickness	.5 mm[.02 in]
Rectangular Termination Post & Tail Width	.4 mm[.015 in]
Termination Post & Tail Length	3.2 mm[.125 in]
Termination Method to Printed Circuit Board	Through Hole - Solder
Mechanical Attachment	
	Kinked Solder Tails
PCB Mount Retention Type	Tillica Solaci Talis
PCB Mount Retention Type PCB Mount Alignment	With
PCB Mount Alignment	With
PCB Mount Alignment PCB Mount Retention	With
PCB Mount Alignment  PCB Mount Retention  Housing Features	With
PCB Mount Alignment  PCB Mount Retention  Housing Features  Centerline (Pitch)	With With  1.27 mm[.05 in]
PCB Mount Alignment  PCB Mount Retention  Housing Features  Centerline (Pitch)  Housing Material	With With  1.27 mm[.05 in]
PCB Mount Alignment  PCB Mount Retention  Housing Features  Centerline (Pitch)  Housing Material  Dimensions	With  1.27 mm[.05 in]  PBT GF
PCB Mount Alignment  PCB Mount Retention  Housing Features  Centerline (Pitch)  Housing Material  Dimensions  Connector Length	With  1.27 mm[.05 in]  PBT GF  11.1 mm[.437 in]
PCB Mount Alignment  PCB Mount Retention  Housing Features  Centerline (Pitch)  Housing Material  Dimensions  Connector Length  Connector Height	With  1.27 mm[.05 in]  PBT GF  11.1 mm[.437 in]  5.1 mm[.2 in]
PCB Mount Alignment  PCB Mount Retention  Housing Features  Centerline (Pitch)  Housing Material  Dimensions  Connector Length  Connector Height  Row-to-Row Spacing	With  1.27 mm[.05 in]  PBT GF  11.1 mm[.437 in]  5.1 mm[.2 in]  2 mm[.059 in]
PCB Mount Alignment  PCB Mount Retention  Housing Features  Centerline (Pitch)  Housing Material  Dimensions  Connector Length  Connector Height  Row-to-Row Spacing  Compatible Insulation Diameter Range	With  1.27 mm[.05 in]  PBT GF  11.1 mm[.437 in]  5.1 mm[.2 in]  2 mm[.059 in]  .8 – 1 mm[.035 – .039 in]
PCB Mount Alignment PCB Mount Retention  Housing Features  Centerline (Pitch) Housing Material  Dimensions  Connector Length Connector Height Row-to-Row Spacing Compatible Insulation Diameter Range  Wire Size	With  1.27 mm[.05 in]  PBT GF  11.1 mm[.437 in]  5.1 mm[.2 in]  2 mm[.059 in]  .8 – 1 mm[.035 – .039 in]
PCB Mount Alignment  PCB Mount Retention  Housing Features  Centerline (Pitch)  Housing Material  Dimensions  Connector Length  Connector Height  Row-to-Row Spacing  Compatible Insulation Diameter Range  Wire Size  Usage Conditions	With  With  1.27 mm[.05 in]  PBT GF  11.1 mm[.437 in]  5.1 mm[.2 in]  2 mm[.059 in]  .8 – 1 mm[.035 – .039 in]  .08 – .09 mm²
PCB Mount Alignment PCB Mount Retention  Housing Features  Centerline (Pitch) Housing Material  Dimensions  Connector Length Connector Height  Row-to-Row Spacing  Compatible Insulation Diameter Range  Wire Size  Usage Conditions  Operating Temperature Range	With  With  1.27 mm[.05 in]  PBT GF  11.1 mm[.437 in]  5.1 mm[.2 in]  2 mm[.059 in]  .8 – 1 mm[.035 – .039 in]  .08 – .09 mm²
PCB Mount Alignment PCB Mount Retention  Housing Features  Centerline (Pitch) Housing Material  Dimensions  Connector Length Connector Height Row-to-Row Spacing Compatible Insulation Diameter Range  Wire Size  Usage Conditions  Operating Temperature Range  Operation/Application	With  With  1.27 mm[.05 in]  PBT GF  11.1 mm[.437 in]  5.1 mm[.2 in]  2 mm[.059 in]  .8 – 1 mm[.035 – .039 in]  .08 – .09 mm²  -40 – 105 °C[-40 – 221 °F]



Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	2500
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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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**



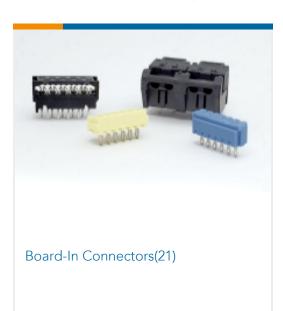


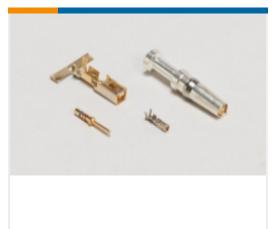






# Also in the Series | Micro-MaTch Industrial









Connector Contacts(4)

Insertion & Extraction Tools(1)



# Customers Also Bought



















## **Documents**

## **Product Drawings**

MICRO-MATCH PBC.06P

English

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_215570-6\_S.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_215570-6\_S.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_215570-6\_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