

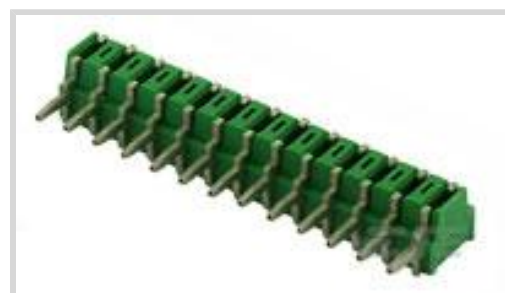
**MINI-MATCH**

TE Internal #: 1-5164711-0

PCB Mount Receptacle, Right Angle, Board-to-Board, 10 Position,  
2.5mm [.098in] Centerline, Tin, Printed Circuit Board, 7A Contact  
Current Rating (Max)

[View on TE.com >](#)

Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles

PCB Connector Assembly Type: **PCB Mount Receptacle**PCB Mount Orientation: **Right Angle**Connector System: **Board-to-Board**Number of Positions: **10**Centerline (Pitch): **2.5 mm [ .098 in ]****Features****Product Type Features**

PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

**Configuration Features**

Number of Rows	1
Stackable	No
PCB Mount Orientation	Right Angle
Number of Positions	10

**Electrical Characteristics**

Insulation Resistance	1 MΩ
Operating Voltage	354 VAC

**Contact Features**

Contact Layout	Inline
PCB Contact Termination Area Plating Material Thickness	3.04 – 5.08 μm[120 – 200 μin]
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin



50 µin

Contact Type

Socket

Contact Current Rating (Max)

7 A

### Termination Features

Rectangular Termination Post &amp; Tail Thickness

.5 mm[.02 in]

Rectangular Termination Post &amp; Tail Width

.79 mm[.031 in]

Termination Post &amp; Tail Length

3.2 mm[.126 in]

Termination Method to Printed Circuit Board

Through Hole - Solder

### Mechanical Attachment

PCB Mount Alignment Type

Post Polarization

PCB Mount Retention Type

Solder Tail

Mating Alignment

With

Mating Alignment Type

Polarizing Tab

PCB Mount Retention

With

PCB Mount Alignment

With

Connector Mounting Type

Board Mount

### Housing Features

Mating Entry Location

Side

Centerline (Pitch)

2.5 mm[.098 in]

Housing Color

Green

Housing Material

Thermoplastic

### Usage Conditions

Operating Temperature Range

-40 – 85 °C, -40 – 85 °C[-40 – 185 °F][-40 – 185 °F]

### Operation/Application

Circuit Application

Signal

### Industry Standards

UL Flammability Rating

UL 94V-0

### Packaging Features

Packaging Quantity

2000

Packaging Method

Box

### Other

Comment

Board-to-Board applications

## 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: JUN 2020 (209)  
Candidate List Declared Against: JUL 2019 (201)  
Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl &gt; 900 ppm.

Solder Process Capability

Wave solder capable to 240°C

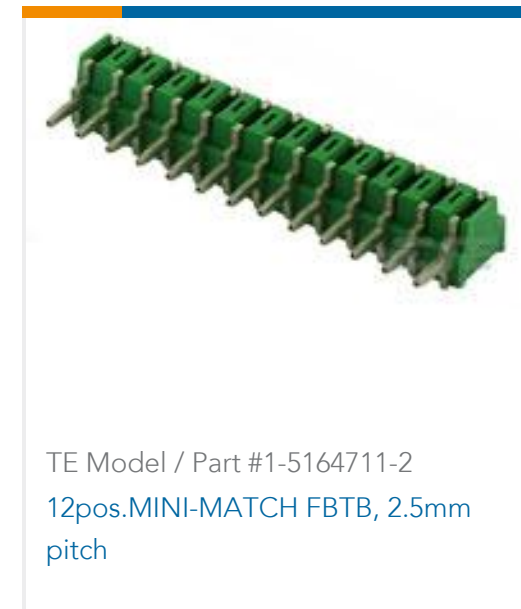
### Product Compliance Disclaimer

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



## Customers Also Bought



## Documents

### Product Drawings

[10pos.MINI-MATCH FBTB, 2.5mm p](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-5164711-0\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-5164711-0\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-5164711-0\\_A.3d\\_stp.zip](#)

English

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

## Product Specifications



### Mini Match Connection System

English

### Product Specification

English

### Product Specification

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### Product Environmental Compliance

#### TE Material Declaration

English

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### Instruction Sheets

#### Instruction Sheet (non U.S.)

German