# 1-5164711-0 ACTIVE

#### MINI-MATCH

TE Internal #: 1-5164711-0

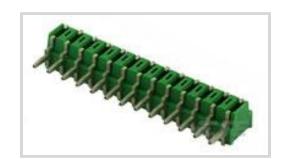
PCB Mount Receptacle, Right Angle, Board-to-Board, 10 Position, 2.5 mm [.098 in] Centerline, Tin (Sn), Through Hole - Solder, Signal,

Green, Box

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Connectors > PCB Connectors > PCB Headers & Receptacles



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

### **Configuration Features**

Stackable	No
PCB Mount Orientation	Right Angle
Number of Positions	10

### **Electrical Characteristics**

Operating Voltage	354 VAC
Insulation Resistance	1 ΜΩ

### **Body Features**

Primary Product Color	Green	

#### **Contact Features**

PCB Contact Termination Area Plating Material Thickness	3.048 – 5.08 μm[120 – 200 μin]
Contact Layout	Inline
Contact Base Material	Brass



PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Socket
Contact Current Rating (Max)	7 A
Termination Features	
Rectangular Termination Post & Tail Width	.79 mm[.031 in]
Rectangular Termination Post & Tail Thickness	.5 mm[.02 in]
Termination Post & Tail Length	3.2 mm[.126 in]
Termination Method to PCB	Through Hole - Solder
Mechanical Attachment	
Mating Alignment Type	Polarizing Tab
PCB Mount Retention Type	Solder Tail
PCB Mount Alignment Type	Post Polarization
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With
Housing Features	
Mating Entry Location	Side
Housing Material	Thermoplastic
Centerline (Pitch)	2.5 mm[.098 in]
Usage Conditions	
Operating Temperature Range	-40 - 85 °C[-40 - 185 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	2000
Packaging Method	Box

## **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 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 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**



















TE Part #1-1768811-6 LBC-ROB-BLANKKAPLABEL2

#### **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** 

PCB Mount Receptacle, Right Angle, Board-to-Board, 10 Position, 2.5 mm [.098 in] Centerline, Tin (Sn), Through Hole - Solder, Signal, Green, Box



**Product Specification** 

Mini Match Connection System

English

**Product Specification** 

English

**Instruction Sheets** 

Instruction Sheet (non U.S.)

German