



MINI-MATCH

TE Internal #: 1-5164711-0

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

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Connectors > PCB Connectors > PCB 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

Stackable	No
PCB Mount Orientation	Right Angle
Number of Positions	10

Electrical Characteristics

Insulation Resistance	1 MΩ
Operating Voltage	354 VAC

Body Features

Primary Product Color	Green
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Contact Features

PCB Contact Termination Area Plating Material Thickness	3.04 – 5.08 μm[120 – 200 μin]
Contact Layout	Inline
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 & Tail Thickness	.5 mm[.02 in]
Rectangular Termination Post & Tail Width	.79 mm[.031 in]
Termination Post & 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 Material	Thermoplastic

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	2000
Packaging Type	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: JUNE 2023 (235) 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



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

[Product Specification](#)

[Mini Match Connection System](#)

English

[Product Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

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



English

Instruction Sheets

Instruction Sheet (non U.S.)

German