

5164711-7 ✓ ACTIVE



MINI-MATCH

TE Internal #: 5164711-7

PCB Mount Receptacle, Right Angle, Board-to-Board, 7 Position, 2.5 mm [.098 in] Centerline, Tin (Sn), Through Hole - Solder, Signal, Box

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **7**

Centerline (Pitch): **2.5 mm [.098 in]**

PCB Mount Orientation: **Right Angle**

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
Number of Positions	7
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	354 VAC
Insulation Resistance	1 MΩ

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 Thickness	1.27 μm[50 μin]



Contact Mating Area Plating Material	Tin (Sn)
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Contact Type	Socket
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Contact Current Rating (Max)	7 A
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Termination Features

Rectangular Termination Post & Tail Width	.79 mm[.031 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[.126 in]
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Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

PCB Mount Retention Type	Solder Tail
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PCB Mount Alignment Type	Post Polarization
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Mating Alignment Type	Polarizing Tab
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Connector Mounting Type	Board Mount
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Mating Alignment	With
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PCB Mount Alignment	With
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PCB Mount Retention	With
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Housing Features

Mating Entry Location	Side
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Centerline (Pitch)	2.5 mm[.098 in]
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Housing Material	Thermoplastic
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Dimensions

	.062 in
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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
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Packaging Method	Box
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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 2025 (247) 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 #1SNG607050R0000
EP-LN-PG135-GR-A



TE Part #ANT-LPC-FPC-100
Antenna Vert 5G LTE FPC 100



TE Part #1981568-1
MICRO USB, TYPE B,



TE Part #2176082-5
EP 3W (S) 47R 5%



TE Part #1-2176339-5
CRGCQ 0603 150R 1%



TE Part #5161500-7
minimatch 7 pos male



TE Part #5161800-7
07pos.MINI-MATCH FBTB, 2.5mm
pitch



TE Part #1-5164711-6
16pos.MINI-MATCH FBTB, 2.5mm
pitch



TE Part #1-5164713-1
11P.MINI-MATCH ASSY



TE Part #1-5164713-4
14P.MINI-MATCH ASSY

Documents

Product Drawings

[07pos.MINI-MATCH FBTB, 2.5mm pitch](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5164711-7_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5164711-7_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5164711-7_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

[Instruction Sheets](#)

[Instruction Sheet \(non U.S.\)](#)

German