

5164711-8 ✓ ACTIVE

MINI-MATCH

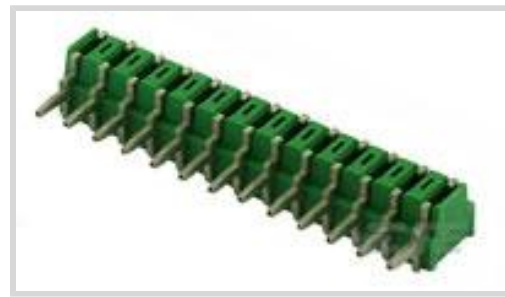
TE Internal #: 5164711-8

PCB Mount Receptacle, Right Angle, Board-to-Board, 8 Position,
2.5 mm [.098 in] Centerline, Tin, Through Hole - Solder, Signal, Box

[View on TE.com >](#)



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: **8**

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

Features

Electrical Characteristics

Operating Voltage	354 VAC
Insulation Resistance	1 MΩ

Dimensions

	1.27 in
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Packaging Features

Packaging Quantity	1750
Packaging Method	Box

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

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]
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Termination Method to PCB	Through Hole - Solder
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Contact Features

Contact Mating Area Plating Material Thickness	1.27 μ m[50 μ in]
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PCB Contact Termination Area Plating Material Thickness	3.04 – 5.08 μ m[120 – 200 μ in]
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Contact Layout	Inline
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Contact Base Material	Brass
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PCB Contact Termination Area Plating Material	Tin
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Contact Mating Area Plating Material	Tin
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Contact Type	Socket
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Contact Current Rating (Max)	7 A
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Housing Features

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

Stackable	No
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PCB Mount Orientation	Right Angle
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Number of Positions	8
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Product Type Features

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

EU RoHS Compliance	Compliant
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EU ELV Compliance

Compliant

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 2024 (241)
 Candidate List Declared Against: JUL 2021 (219)
 Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Not reviewed for solder process capability

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 #8-188275-0
MICRO-MATCH SMD FTE



TE Part #8-968975-1
MCP2.8 GEH 21P



TE Part #3-1622796-0
YR1 0.1% 4K75



TE Part #NB18162001
RNF-100-2-BK-STK



TE Part #5-826634-0
MOD2 PIN HEADER 50P



TE Part #7-2176316-0
MELF SMA_A 47K 1% 50PPM 0207 1W



TE Part #1623719-8
CCR1 10R 10%



TE Part #CAT-M4599-H342
AMP MCP Unsealed Headers



TE Part #6-1393243-3
RT424012

Documents

Product Drawings

[08pos.MINI-MATCH FBTB, 2.5mm pitch](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5164711-8_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5164711-8_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5164711-8_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