

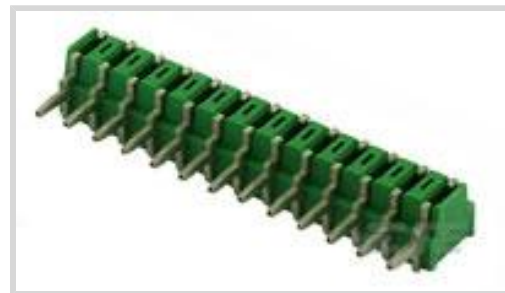
**MINI-MATCH**

TE Internal #: 1-5161800-0

TE Internal Description: 10pos.MINI-MATCH FBTB, 2.5mm pitch

[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: **10**Centerline (Pitch): **2.5 mm [.098 in]****Features****Electrical Characteristics**

Operating Voltage	354 VAC
Insulation Resistance	1 MΩ

Dimensions

	2.54 – 5.08 in
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Packaging Features

Packaging Quantity	1000
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]

Termination Method to PCB

Through Hole - Solder

Contact Features

Contact Mating Area Plating Material Thickness	2.54 – 5.08 μm [120 – 200 μin]
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PCB Contact Termination Area Plating Material Thickness	3.04 – 5.08 μm [120 – 200 μin]
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Contact Layout	Inline
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Contact Base Material	Phosphor Bronze
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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	10
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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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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
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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: JUNE 2024 (241) 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	Not reviewed for solder process capability

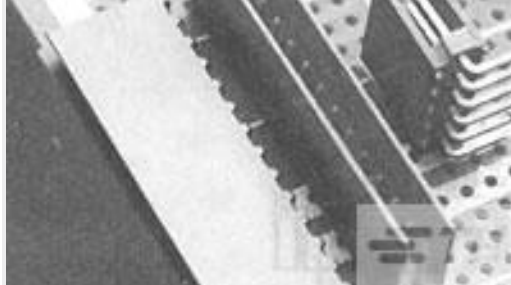
Product Compliance Disclaimer

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>

Customers Also Bought



TE Part #7-1879262-3
RP 2B 23K2 0.1% 15PPM CUT LENGTH



TE Part #281699-3
HEADER HE13 RA 3 P



TE Part #5161800-3
03pos.MINI-MATCH FBTB, 2.5mm pitch



TE Part #6-1879265-1
RP 2B 226K 0.1% 15PPM CUT LENGTH



TE Part #8-1622824-0
RL73H 3A R18 1% 1K RL



TE Part #1623719-4
CCR1 22R 10%



TE Part #1-825457-1
MOD 2 PINHDR 2X11P.



TE Part #1-1825007-8
DRD16SE04=ROT DIP,16P,SMT



Documents

CAD Files

Customer View Model

[ENG_CVM_1-5161800-0_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-5161800-0_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-5161800-0_A.2d_dxf.zip](#)

English

3D PDF

English

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

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

German