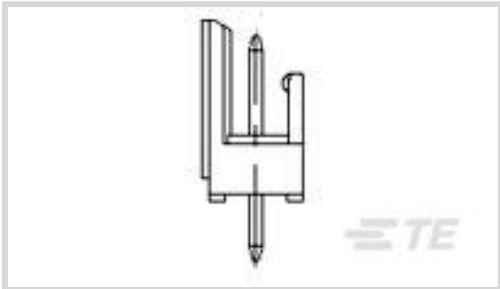




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **2**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
Stackable	No
PCB Mount Orientation	Vertical
Number of Positions	2
Number of Rows	1

Electrical Characteristics

Insulation Resistance	1 MΩ
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Body Features

Connector Profile	Standard
Primary Product Color	Natural

Contact Features

Mating Pin Diameter	.64 mm[.025 in]
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Contact Mating Area Plating Material Thickness	1.3 μm[51.18 μin]
Contact Shape & Form	Round
Contact Layout	Inline
Contact Mating Area Length	5.2 mm[.205 in]
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin

Termination Features

Termination Post & Tail Diameter	.64 mm[.025 in]
Termination Post & Tail Length	2.9 mm[.114 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention	With
Mating Alignment Type	Polarization
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

	.051 in
Connector Height	8.8 mm[.34 in]

Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	2500
Packaging Method	Package



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: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°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>

Customers Also Bought



TE Part #3-2176371-2
RQ 0603 9K76 0.1% 10PPM 5K RL



TE Part #5-1879222-4
CPF 0603 68R1 0.1% 25PPM 1K RL



TE Part #1-1825006-5
GDS08S04=DIP SW,SLIDE,SMT



TE Part #3-1614884-9
CPF 0805 82R 0.1% 25PPM 1K RL



TE Part #8-1879507-9
CRGH0603 1% 22R 0.2W

TE Part #2176316-3
MELF SMA_A 150R 0.1% 15PPM 0207 1W

TE Part #2176316-4
MELF SMA_A 180R 0.1% 15PPM 0207 1W

TE Part #2-1879354-7
RR03 5% 3R9 AMMO

TE Part #928205-3
3P TELFIX BU-GEH

TE Part #928205-4
4P TELFIX BU-GEH

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_828548-2_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_828548-2_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_828548-2_E.3d_stp.zip

English

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