



RAST 5

TE Internal #: 2292457-3  
PCB Mount Header, Vertical, Wire-to-Board, 3 Position, .197 in [5 mm] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Power, Natural, RAST 5

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Connectors > PCB Connectors > PCB Headers & Receptacles



Connector System: **Wire-to-Board**  
Number of Positions: **3**  
Number of Rows: **1**  
Centerline (Pitch): **5 mm [ .197 in ]**  
PCB Mount Orientation: **Vertical**

Features

Product Type Features

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

Configuration Features

Keying & Polarized Rib Location	1c,1d,2c,3d
Number of Columns	3
Number of Positions	3
Number of Rows	1
PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features



Primary Product Color	Natural
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Contact Features

Contact Layout	Inline
PCB Contact Termination Area Plating Material Thickness	3.8 µm[149.6 µin]
Mating Tab Width	6.3 mm[.248 in]
Mating Tab Thickness	.8 mm[.032 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	3.8 µm[149.6 µin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Rectangle
Contact Mating Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Tin
Contact Type	Tab
Contact Current Rating (Max)	16 A

Termination Features

Square Termination Post & Tail Dimension	.8 mm[.032 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Housing Material	Nylon 66
Centerline (Pitch)	5 mm[.197 in]



Dimensions

Connector Length	17.3 mm[.68 in]
Connector Height	12.8 mm[.503 in]
Connector Width	14.9 mm[.58 in]
Row-to-Row Spacing	5 mm[.197 in]

Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Power

Industry Standards

Glow Wire Rating	Glow Wire
Agency/Standard	UL, VDE
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Type	Loose Piece
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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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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

 <p>TE Part # 2292457-2 2P, RAST 5 HEADER, PL, SHROUDED</p>	 <p>TE Part # 1-2232043-3 3P, RAST 5 Tab Header, THV</p>	 <p>TE Part # 1-2232511-3 3P, RAST 5 TAB HEADER, THV</p>	 <p>TE Part # 1-2292457-2 2P, RAST 5 HEADER, PL, SHROUDED</p>
 <p>TE Part # 1969501-1 ASSY, TAB HDR, 7MM, 6.35 SERIES, 3 POS</p>	 <p>TE Part # 1969503-1 ASSY, TAB HDR, 7MM, 6.35 SERIES, 3 POS</p>	 <p>TE Part # 1969521-1 ASSY, TAB HDR, EXT, 7MM, 6.35 SER, 3 POS</p>	 <p>TE Part # 1969522-1 ASSY, TAB HDR, EXT, 7MM, 6.35 SER, 3 POS</p>
 <p>TE Part # 2-2232043-3 3P, RAST 5 Tab Header, THV</p>	 <p>TE Part # 2292457-4 4P, RAST 5 HEADER, PL, SHROUDED</p>	 <p>TE Part # 2324619-2 2P, RAST5 HEADER, PL, SHROUDED, OPPOSITE</p>	 <p>TE Part # 3-2232043-3 3P, RAST 5 Tab Header, THV</p>
 <p>TE Part # 4-2232043-3 3P, RAST 5 Tab Header, THV</p>	 <p>TE Part # 5-2232043-3 3P, RAST 5 Tab Header, THV</p>	 <p>TE Part # 6-2232043-3 3P, RAST 5 Tab Header, THV</p>	



Also in the Series | RAST 5

Automotive Terminals(1)	Connector Contacts(1)	PCB Headers & Receptacles(132)	PCB Latches, Locks & Retainers(3)
Standard Edge Connectors(8)	Standard Rectangular Connectors(3)	Wire-to-Board Connector Assemblies & Housings(18)	

Customers Also Bought

TE Part #1-2232892-7 7P MONOPLUG 2.5	TE Part #1-2232266-4 PTL 2X4 PLUG HSG HOT WIRE KEY A BLK	TE Part #1-2232511-7 7P, RAST 5 TAB HEADER, THV	TE Part #1-2232890-7 7P MONOPLUG 2.5 SELECTIVELY LOADED
TE Part #1-2336678-4 SGI2.0 RA SMT HDR ASSY 4P,key A, NTL	TE Part #2-1969541-0 RETAINER, TPA, DUAL ROW, EP2.5	TE Part #2297438-3 MMF,FREE HANGING,CAP HOUSING	TE Part #5-1241965-4 STD TIMER PLUG HSG 4P W/EXT. LOCKING
TE Part #1-1461056-0 SDT-S-112DMR,0000B	TE Part #2331088-1 250 HSG. PL MKII REC. 13mm 2P NAT		





Documents

Product Drawings

3P, RAST 5 HEADER, PL, SHROUDED

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2292457-3\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2292457-3\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2292457-3\_B.3d\_stp.zip

English

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Product Specifications

Product Specification

English

Agency Approvals

VDE Certificate

English