

2-2232043-4 ACTIVE

RAST | RAST 5 IDC Connectors

TE Internal #: 2-2232043-4

PCB Mount Header, Vertical, Wire-to-Board, 4 Position, 5 mm [.197 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, RAST 5 IDC Connectors

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Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **4**

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 Position Locations	4D
Number of Columns	4
Number of Positions	4
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 Mating Area Length	8.5 mm[.33 in]
PCB Contact Termination Area Plating Material Thickness	2 μm [78.74 μin]
Contact Layout	Inline
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	2 μm [78.74 μin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Rectangular
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 Post & Tail Length	3.5 mm[.138 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

PCB Mount Alignment Type	Polarizing Pegs
Mating Alignment Type	Keyed, 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

Centerline (Pitch)

5 mm [.197 in]

Dimensions

Connector Length

22.6 mm [.88 in]

Connector Height

12.8 mm [.503 in]

Connector Width

14.9 mm [.58 in]

PCB Thickness (Recommended)

1.5 mm [.06 in]

Usage Conditions

Operating Temperature Range

-40 – 120 °C [-40 – 248 °F]

Operation/Application

Circuit Application

Power

Industry Standards

Agency/Standard

UL, VDE

Approved Standards

UL E28476

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Quantity

81

Packaging Type

Loose Piece

Product ComplianceFor 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 2023
(235)Candidate List Declared Against: JUNE
2023 (235)

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



TE Part # 4-1971895-4
4P, RAST 5 Tab Header, THV



TE Part # 1-2232043-4
4P, RAST 5 Tab Header, THV



TE Part # 1-2232045-4
4P, RAST 5 Tab Header, THV



TE Part # 1-2232511-4
4P, RAST 5 TAB HEADER, TH, VER, SEL



TE Part # 2-1971895-4
4P, RAST 5 Tab Header, THV



TE Part # 2-2232045-4
4P, RAST 5 Tab Header, THV



TE Part # 2292457-4
4P, RAST 5 HEADER, PL, SHROUDED



TE Part # 2298030-4
4P, RAST 5 Tab Header, THV



TE Part # 3-2232045-4
4P, RAST 5 Tab Header, THV



TE Part # 4-2232043-4
4P, RAST 5 Tab Header, THV



TE Part # 4-2232045-4
4P, RAST 5 Tab Header, THV



TE Part # 5-2232043-4
4P, RAST 5 Tab Header, THV



TE Part # 6-1971895-4
4P, RAST 5 Tab Header, THV



TE Part # 6-2232043-4
4P, RAST 5 Tab Header, THV



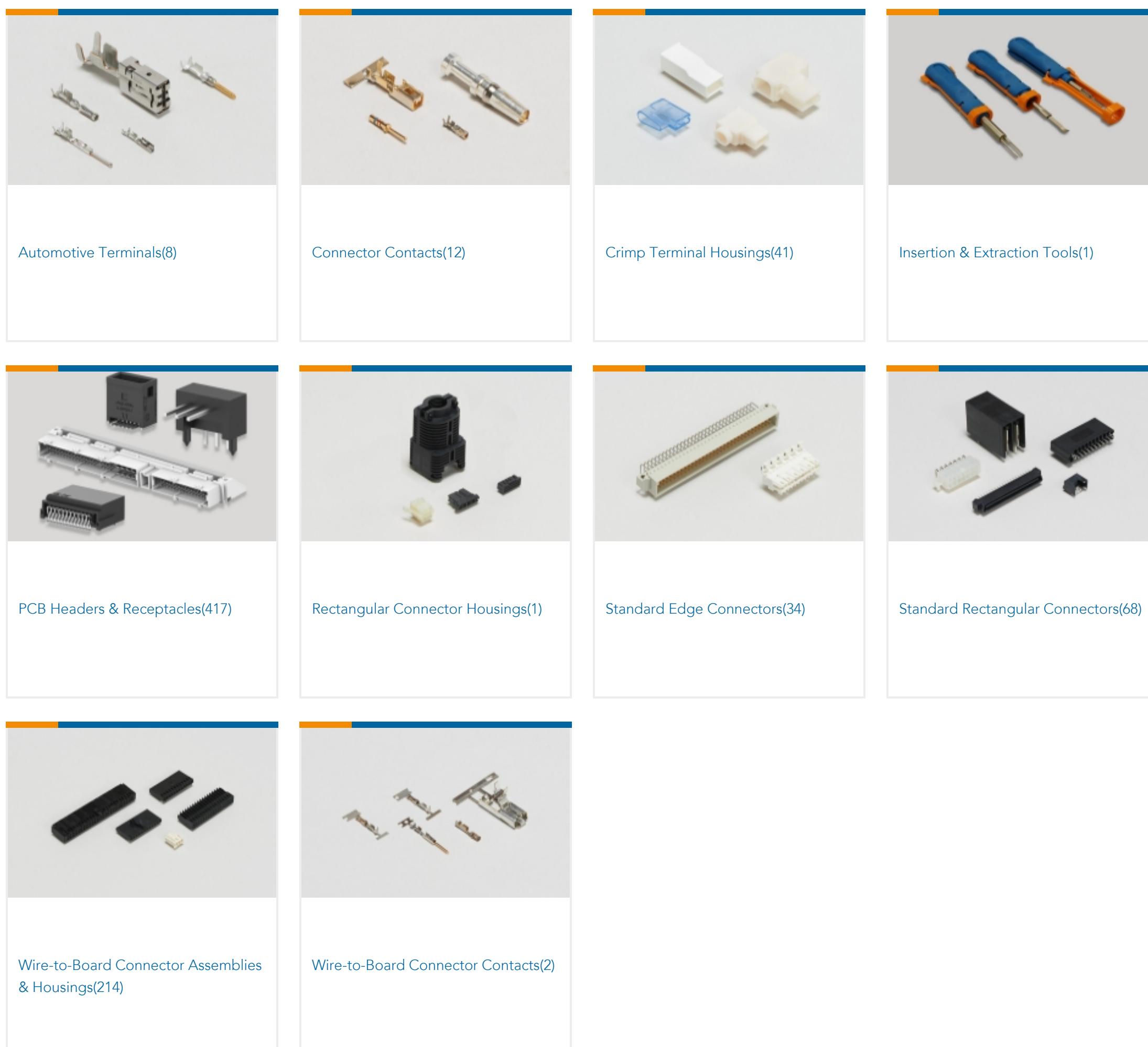
TE Part # 7-1971895-4
4P, RAST 5 Tab Header, THV



TE Part # 7-2232043-4
4P, RAST 5 Tab Header, THV



Also in the Series | RAST 5 IDC Connectors



Customers Also Bought



Documents

Product Drawings

[4P, RAST 5 Tab Header, THV](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-2232043-4_A_c-2-2232043-4-a.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-2232043-4_A_c-2-2232043-4-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-2232043-4_A_c-2-2232043-4-a.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

Agency Approvals

[VDE Certificate](#)

English