

4P, RAST 5 Tab Header, THV

✓ ACTIVE

RAST | RAST 5 IDC Connectors

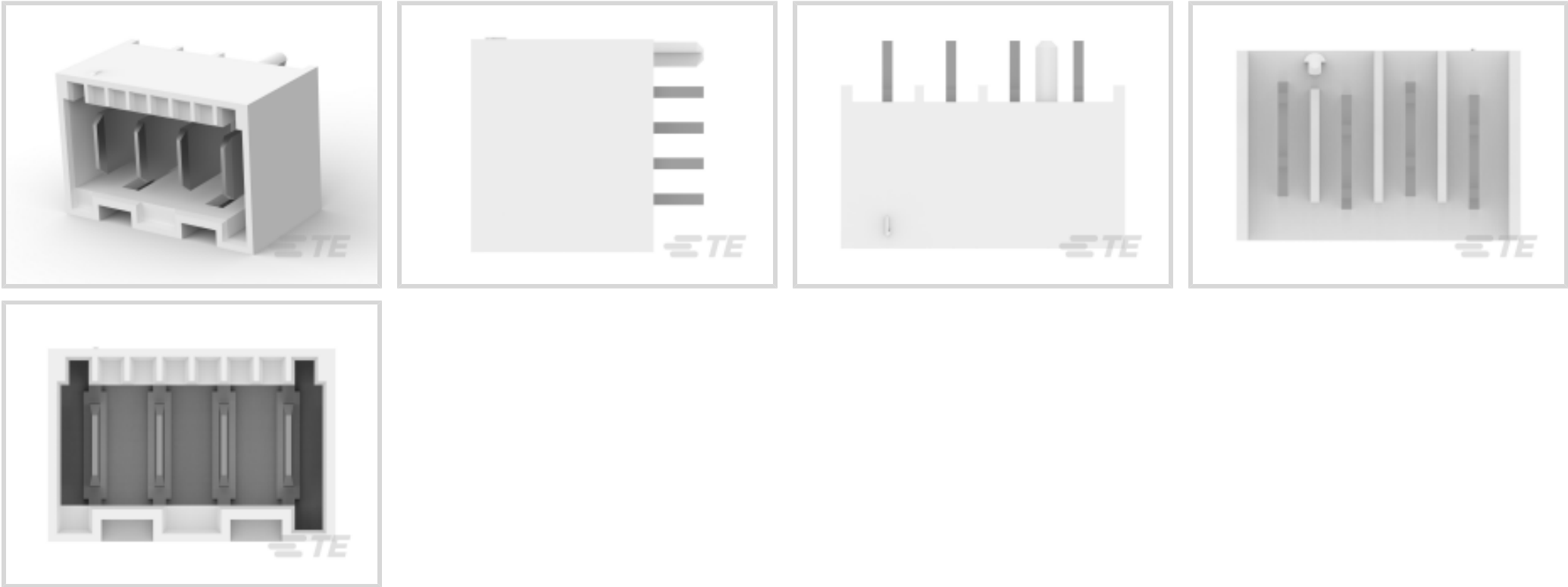
TE Part # 2-2232043-4

TE Internal #: 2-2232043-4

[View on TE.com >](#)



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **4**

Centerline (Pitch): **5 mm [ .197 in ]**

Features

Product Type Features

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

Configuration Features

Keying & Polarized Position Locations	4D
PCB Mount Orientation	Vertical
Number of Positions	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Layout	Inline
PCB Contact Termination Area Plating Material Thickness	3.8 μm[149.606 μin]



Mating Post Length	8.5 mm[.33 in]
Mating Tab Width	6.3 mm, 6.35 mm[.248 in][.25 in]
Mating Tab Thickness	.8 mm, .81 mm[.031 in][.032 in]
Contact Shape	Square
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Tin
Contact Type	Tab
Contact Transmits (Typical)	Signal (Data)

Termination Features

Termination Post & Tail Length	3.5 mm[.138 in]
Termination Method to Printed Circuit Board	Through Hole

Mechanical Attachment

PCB Mount Alignment Type	Polarizing Pegs
Mating Retention Type	Latch
Mating Alignment Type	Keyed, Polarization
Mating Alignment	With
PCB Mount Alignment	With
Mating Retention	With
PCB Mount Retention	Without
Contact Retention	Without

Housing Features

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

Dimensions

Connector Length	22.3 mm[.88 in]
Connector Height	12.8 mm[.5 in][.503 in]
PCB Thickness (Recommended)	1.5 mm[.06 in]
Row-to-Row Spacing	5 mm[.197 in]

Usage Conditions

Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	81
Packaging Method	Loose Piece

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 2019 (197) Candidate List Declared Against: JUL 2017 (174)
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | [RAST 5 IDC Connectors](#)

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TE Part # 2-2232043-4  
TE Internal #: 2-2232043-4



Automotive, Truck, Bus, & Off-Road Terminals(8)



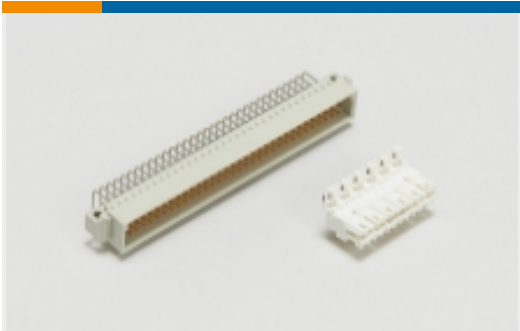
Connector Contacts(12)



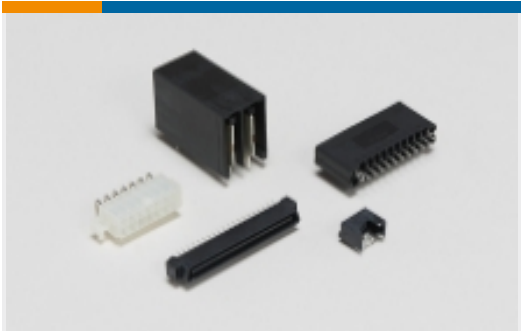
Crimp Terminal Housings (41)



Rectangular Connector Housings(1)



Standard Edge Connectors (4)



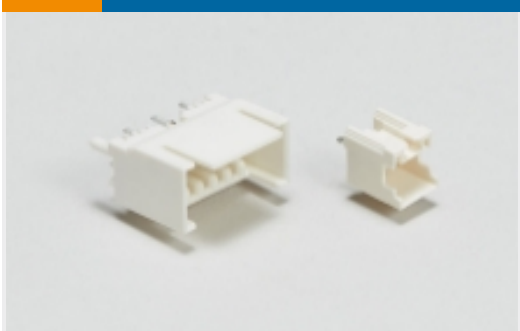
Standard Rectangular Connectors(108)



Wire-to-Board Connector Contacts(1)



Wire-to-Board Connector Housings(218)



Wire-to-Board Headers & Receptacles(459)

Customers Also Bought



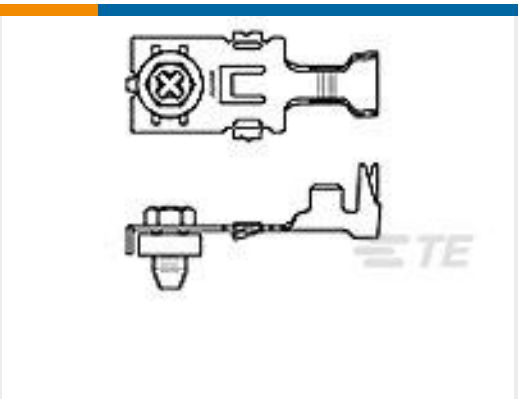
TE Part #2-2208876-5  
HV,CHARGE INLET TYPE1, HYB ASSY



TE Part #5-177899-1  
POWER DBL LOCK PLUG HSG 3P(GWT)



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



TE Part #520936-1  
POWER RING 250 ASY 16-10 AWG NL



TE Part #2-2232043-2  
2P, RAST 5 Tab Header, THV



TE Part #917688-4  
SIGNAL DOUBLE LOCK PLUG HSG 4P YELLOW



TE Part #1217824-1  
TERM,POKE-IN,MAG-MATE



TE Part #1-2292457-2  
2P, RAST 5 HEADER, PL, SHROUDED

4P, RAST 5 Tab Header, THV

TE Part # 2-2232043-4  
TE Internal #: 2-2232043-4



TE Part #1-826539-2  
12P MOD 1  
UNSHROUDED HEADER,  
ST, 0.8 Au

TE Part #1743067-2  
TERMINAL BLOCK FOR  
DRYER

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

Product Specifications

Product Specification

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English