

1-2232001-2 ✓ ACTIVE

RAST | RAST 5 IDC Connectors

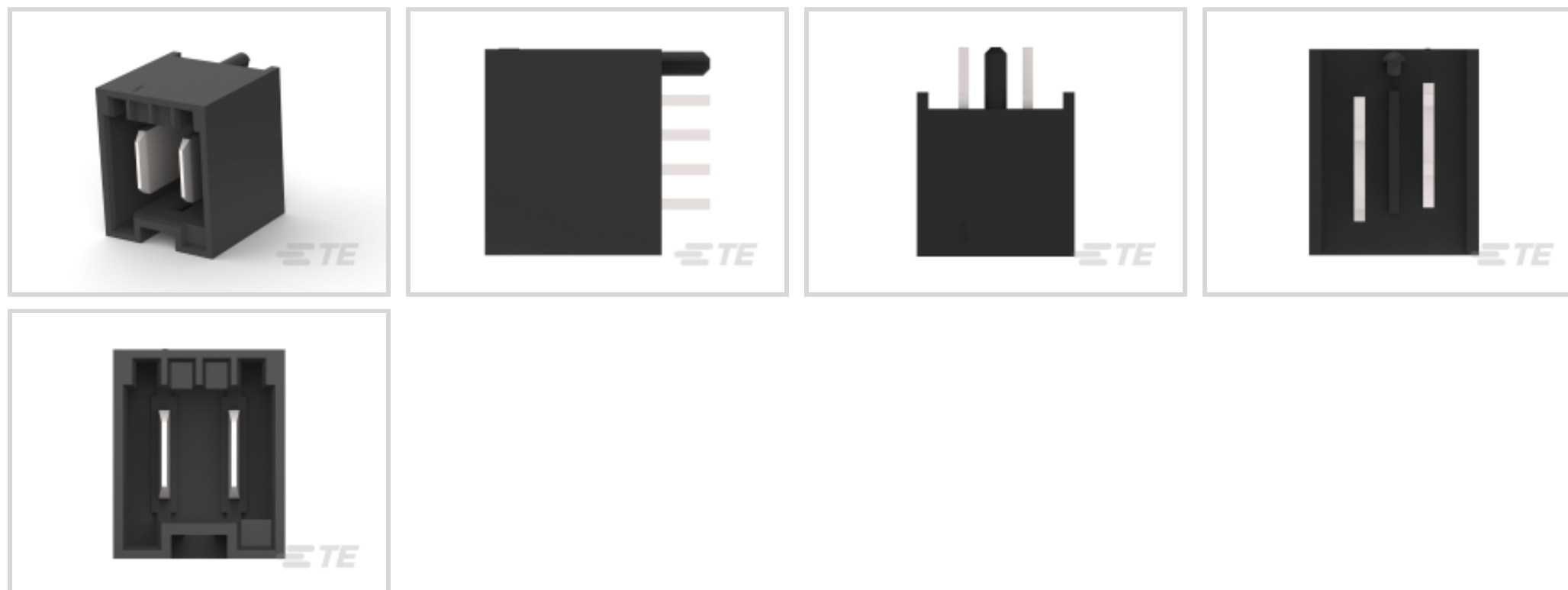
TE Internal #: 1-2232001-2

PCB Mount Header, Vertical, Wire-to-Board, 2 Position, 5 mm [.197 in] Centerline, Fully Shrouded, Gold, Through Hole - Solder, RAST 5 IDC Connectors

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Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **2**

Number of Rows: **1**

Features

Electrical Characteristics

Operating Voltage	250 VAC
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Dimensions

Row-to-Row Spacing	5 mm [.197 in]
Connector Height	12.8 mm [.5 in] [.503 in]
Connector Length	10.3 mm [.41 in]

Packaging Features

Packaging Quantity	153
Packaging Method	Loose Piece

Mechanical Attachment

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



PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Termination Features

Termination Post & Tail Length	3.5 mm[.138 in]
Square Termination Post & Tail Dimension	.8 mm[.032 in]
Termination Method to PCB	Through Hole - Solder

Contact Features

Mating Tab Width	6.3 mm[.248 in]
PCB Contact Termination Area Plating Material Thickness	2 μ m[78.74 μ in]
Contact Shape & Form	Square
Contact Base Material	Copper Alloy
Mating Tab Thickness	.8 mm[.032 in]
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Bright
Contact Mating Area Plating Material	Gold
Contact Type	Tab
Contact Current Rating (Max)	16 A

Housing Features

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

Configuration Features

Keying & Polarized Position Locations	1C
PCB Mount Orientation	Vertical
Number of Positions	2
Number of Rows	1

Product Type Features

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



Body Features

Primary Product Color	Black
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Usage Conditions

Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-0
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

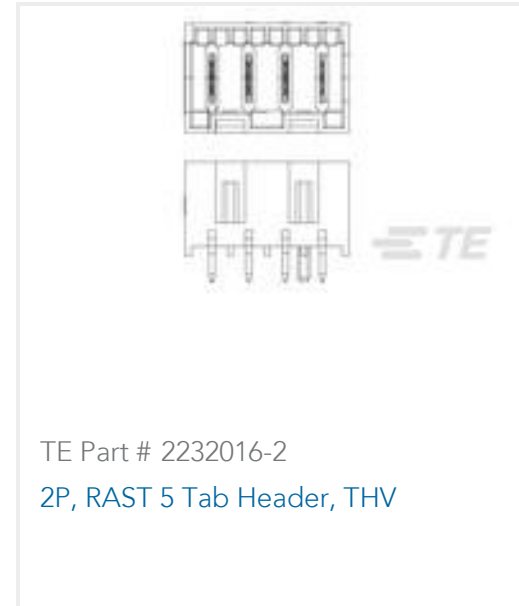
[For compliance documentation, visit the product page on TE.com>](#)

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: JUNE 2024 (241) 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

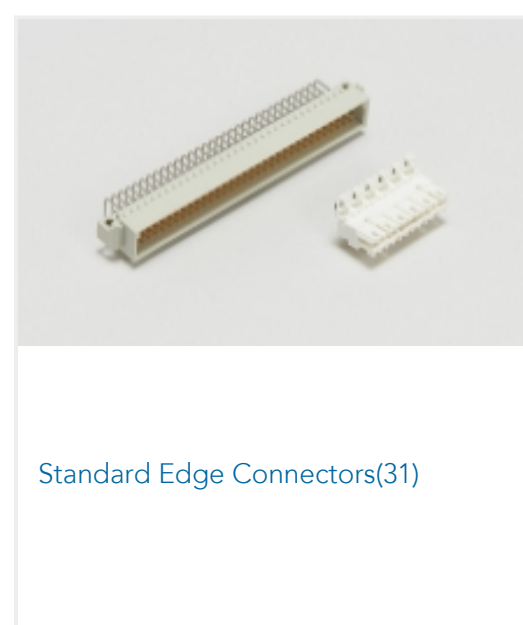
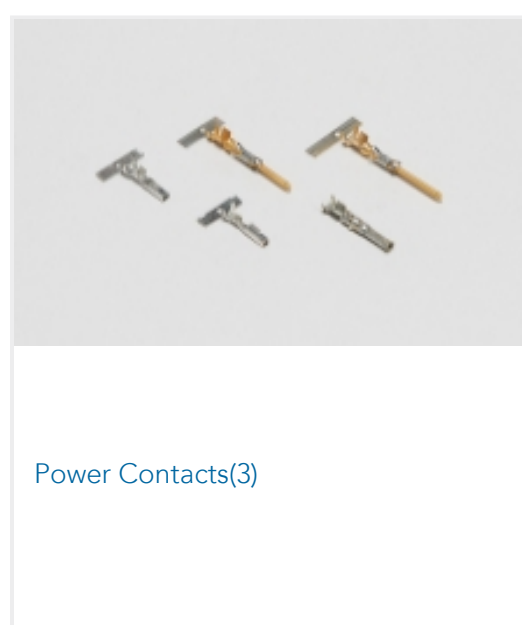
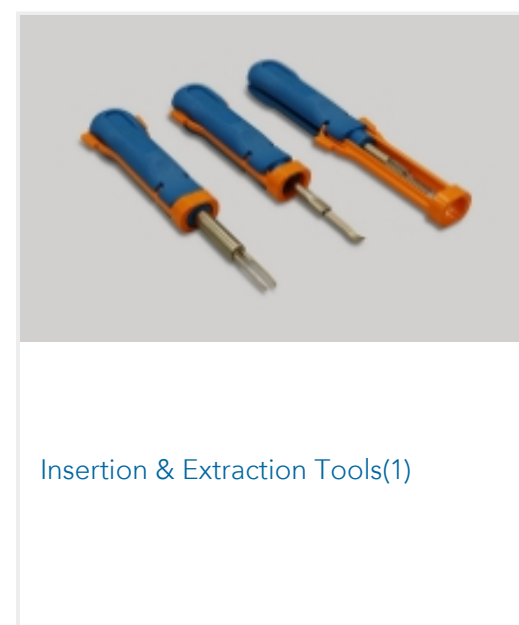
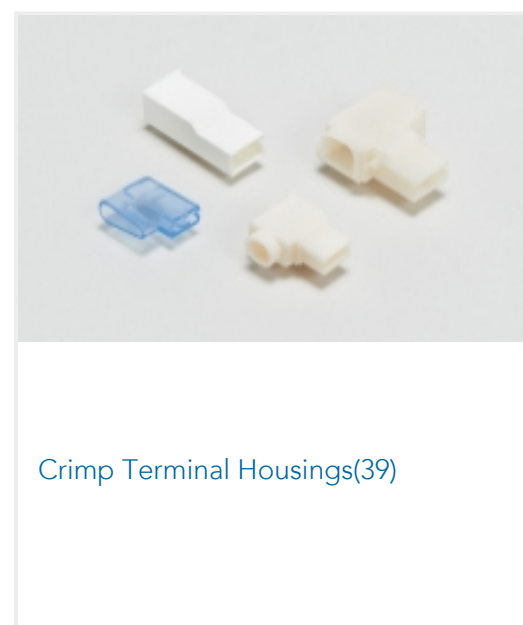
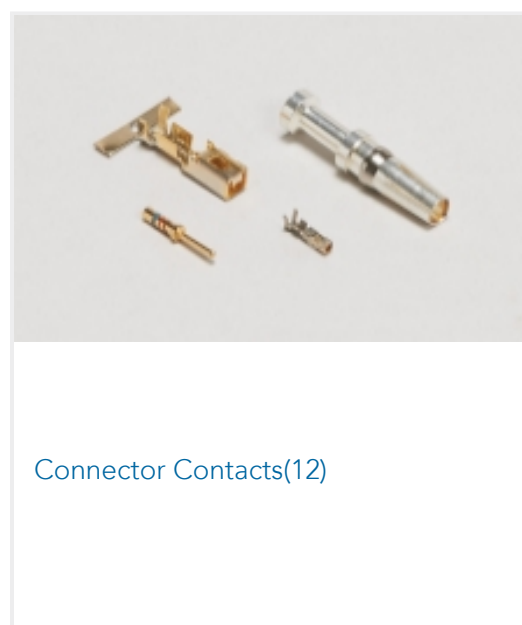
Product Compliance Disclaimer

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



Also in the Series | RAST 5 IDC Connectors



Customers Also Bought



TE Part #5227161-7
RTANG JACK W/MTG PINS, BNC PCB



TE Part #1879350-4
RR01 5% R30 AMMO



TE Part #9-1971845-6
6P, RAST 5 Tab Header, THV



TE Part #3-2176397-5
3502 27R 1%



TE Part #928247-2
2P ST-TIMER GEH

Documents

Product Drawings

[2P, RAST 5 Tab Header, THV,black, silver](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-2232001-2_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2232001-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2232001-2_D.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[RAST Connector System Catalog](#)

English

Product Specifications

[Product Specification](#)

English

Agency Approvals



[VDE Certificate](#)

English