

521383-4 ✓ ACTIVE

RAST | RAST 5 IDC Connectors

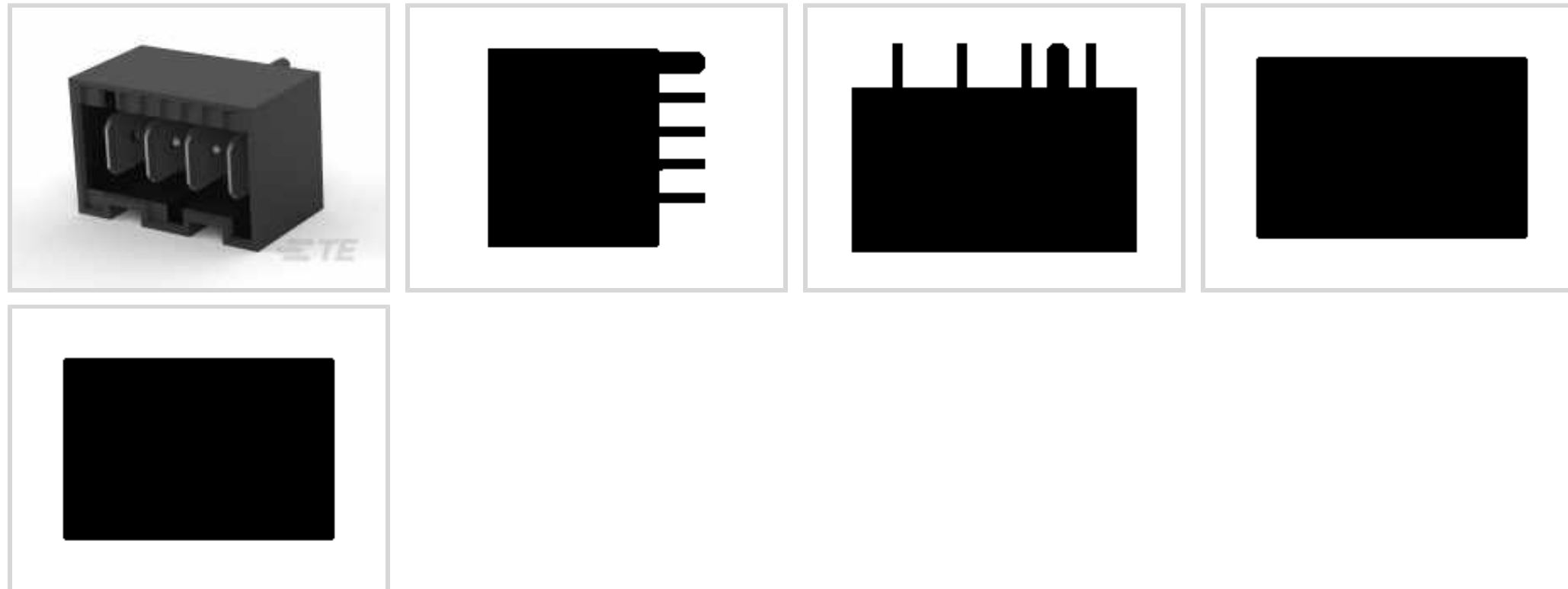
TE Internal #: 521383-4

RAST 5 IDC Connectors, PCB Mount Header, Vertical, Wire-to-Board, 4 Position, 5mm [.197in] Centerline, 1 Row, Tin, Black, Shrouded

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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	3C, 4D
PCB Mount Orientation	Vertical
Number of Positions	4
Number of Rows	1

### Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without
PCB Contact Termination Area Plating Material Thickness	3.8 $\mu\text{m}$ [149.6 $\mu\text{in}$ ]



Mating Tab Width	6.3 mm[.248 in]
Mating Tab Thickness	.8 mm[.032 in]
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	3.8 $\mu\text{m}$ [149.6 $\mu\text{in}$ ]
Contact Type	Tab
Contact Current Rating (Max)	16 A

### Termination Features

Rectangular Termination Post & Tail Thickness	.8 mm[.032 in]
Rectangular Termination Post & Tail Width	.8 mm[.032 in]
Termination Post & Tail Length	3.5 mm[.14 in]
Termination Method to Wire & Cable	Solder
Termination Method to Printed Circuit Board	Through Hole - Solder

### Mechanical Attachment

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

### Housing Features

Centerline (Pitch)	5 mm[.197 in]
Housing Color	Black
Housing Material	Nylon 6/6

### Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °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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### Packaging Features

Packaging Quantity	112
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Packaging Method

Box, Tray

## 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 2020 (205) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205)
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Wave solder capable to 265°C

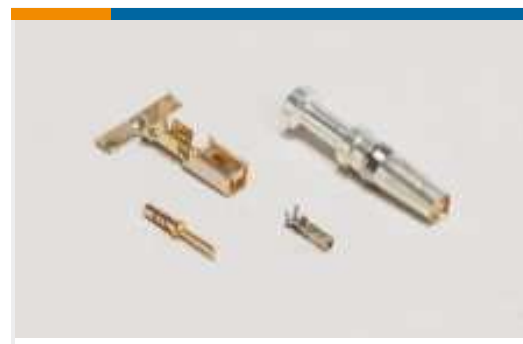
### Product Compliance Disclaimer

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 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](#)



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



Connector Contacts(12)



Crimp Terminal Housings(41)



PCB Connector Mounting(1)



Rectangular Connector Housings(1)



Standard Edge Connectors(4)



Standard Rectangular Connectors(108)



Wire-to-Board Connector Assemblies & Housings(215)



Wire-to-Board Connector Contacts(1)



Wire-to-Board Headers & Receptacles (459)

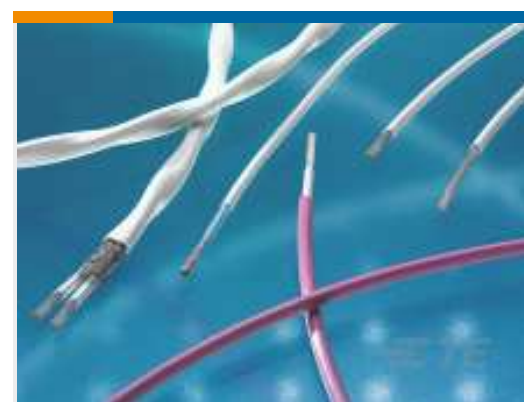
## Customers Also Bought



TE Model / Part #3-1879499-3  
CRGH2010 5% 22R 1W



TE Model / Part #1721547-2  
PCJ-105D3M-WG,000M



TE Model / Part #3142583001  
55A0112-24-9



TE Model / Part #3-1879227-9  
CPF 1206 422K 0.1% 25PPM 1K RL



TE Model / Part #1-1734839-9  
FPC CONN. 0.5MM PITCH T/C,19P



TE Model / Part #2-826658-0  
20P AMPMODU II STIFT LEI



TE Model / Part #1624108-7  
3640 0402 2.2nH +/-0.2nH 10K RL



TE Model / Part #62912-1  
MAG-MATE POKE-IN 016 TPBR



TE Model / Part #1-1879499-2  
CRGH2010 5% 3R0 1W



TE Model / Part #1622765-1  
LR2 1% 56R

## Documents

### Product Drawings

[ASSY DIN VERT RAST5 HEADER04-A](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_521383-4\\_D.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_521383-4\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_521383-4\\_D.3d\\_stp.zip](#)

English

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### Product Specifications

[Product Specification](#)

English

### Agency Approvals

[VDE Certificate](#)

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