

1703133-5 ✓ ACTIVE

RAST | RAST 5 IDC Connectors, RAST 5D

TE Internal #: 1703133-5

Housing, Receptacle, Wire-to-Board, 9 Position, 5 mm [.197 in]

Centerline, Insulation Displacement (IDC), 1 Row, Natural, RAST 5

IDC Connectors

[View on TE.com >](#)



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **9**

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

## Features

### Product Type Features

|                                   |               |
|-----------------------------------|---------------|
| Connector Product Type            | Housing       |
| Connector & Housing Type          | Receptacle    |
| Connector System                  | Wire-to-Board |
| Sealable                          | No            |
| Connector & Contact Terminates To | Wire & Cable  |

### Configuration Features

|                                 |       |
|---------------------------------|-------|
| Keying & Polarized Rib Location | 2 + 3 |
| Number of Positions             | 9     |
| Number of Rows                  | 1     |

### Termination Features

|                                    |                               |
|------------------------------------|-------------------------------|
| Termination Method to Wire & Cable | Insulation Displacement (IDC) |
|------------------------------------|-------------------------------|

### Mechanical Attachment

|                                     |              |
|-------------------------------------|--------------|
| Locking Latch Between Cavity Number | 1 + 2, 8 + 9 |
| Mating Retention                    | Without      |



|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

### Housing Features

|                    |                |
|--------------------|----------------|
| Housing Material   | PA 6.6         |
| Centerline (Pitch) | 5 mm [.197 in] |
| Housing Color      | Natural        |

### Usage Conditions

|                             |                             |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -40 – 105 °C [-40 – 221 °F] |
|-----------------------------|-----------------------------|

### Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

### Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-2 |
|------------------------|----------|

### Packaging Features

|                    |           |
|--------------------|-----------|
| Packaging Quantity | 2000      |
| Packaging Method   | Bag & Box |

## 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)<br>Candidate List Declared Against: JUNE 2022 (224)<br>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**



Automotive Terminals(8)



Connector Contacts(12)



Crimp Terminal Housings(41)



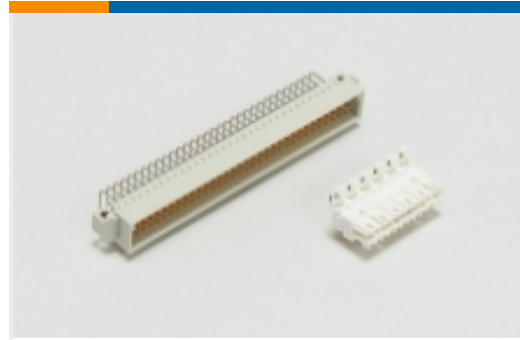
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(424)



Rectangular Connector Housings(1)



Standard Edge Connectors(47)



Standard Rectangular Connectors(112)



Wire-to-Board Connector Assemblies & Housings(213)



Wire-to-Board Connector Contacts(2)

## Also in the Series | RAST 5D



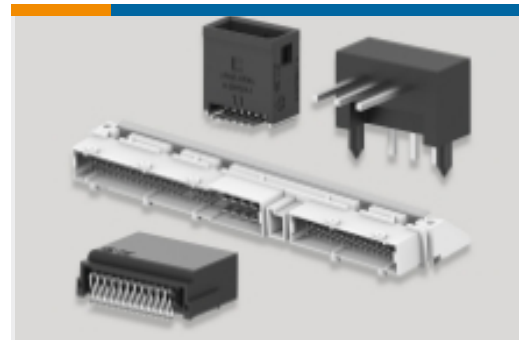
Automotive Terminals(5)



Connector Contacts(10)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(86)



Wire-to-Board Connector Assemblies & Housings(93)



## Documents

### Product Drawings

#### 9POS MT - EDGE HOUSING

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1703133-5\\_B.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1703133-5\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1703133-5\\_B.3d\\_stp.zip](#)

English

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

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### Product Environmental Compliance

#### Product Compliance

English

#### Product Compliance

English