

1-1703082-1 ✓ ACTIVE

RAST | [RAST 5 IDC Connectors](#), [RAST 5D](#)

TE Internal #: 1-1703082-1

RAST 5 IDC Connectors, Housing, Receptacle, Wire-to-Board, 3 Position, 5mm [.197in] Centerline, Insulation Displacement Crimp (IDC), 1 Row

[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: **3**

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	3
Number of Rows	1

### Termination Features

Termination Method to Wire & Cable	Insulation Displacement Crimp (IDC)
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### Mechanical Attachment

Locking Latch Between Cavity Number	1 + 2
Mating Retention	Without



Connector Mounting Type	Board Mount
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### 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]
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### Operation/Application

Circuit Application	Power & Signal
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### Industry Standards

UL Flammability Rating	UL 94V-2
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### 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	Not Yet Reviewed
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: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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>

## Also in the Series | RAST 5 IDC Connectors



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



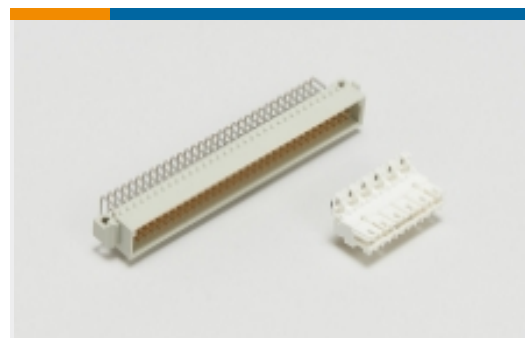
Connector Contacts(12)



Crimp Terminal Housings(41)



Rectangular Connector Housings(1)



Standard Edge Connectors(4)



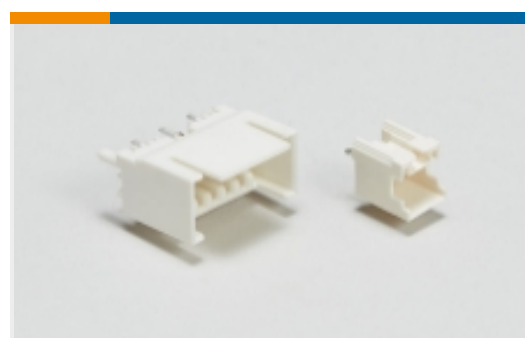
Standard Rectangular Connectors(108)



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

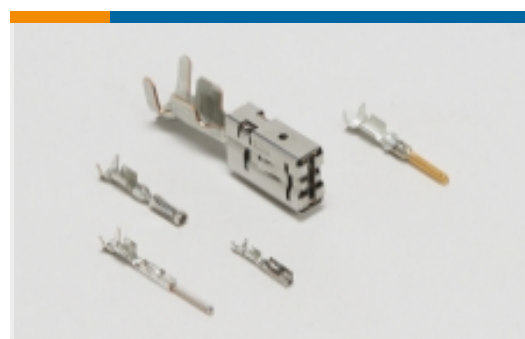


Wire-to-Board Connector Contacts(1)



Wire-to-Board Headers & Receptacles (459)

## Also in the Series | RAST 5D



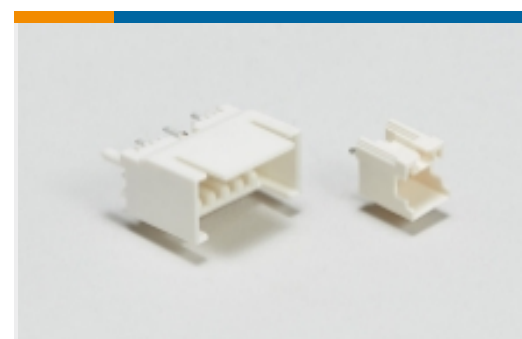
Automotive, Truck, Bus, & Off-Road Terminals(4)



Connector Contacts(10)



Wire-to-Board Connector Assemblies & Housings(94)



Wire-to-Board Headers & Receptacles (82)

## Customers Also Bought



TE Model / Part #2151079-2  
OCEAN\_2.0\_APPLICATOR-S-080F130FA



TE Model / Part #318919-2  
ANVIL, SPECIAL COMBINATION



TE Model / Part #CV7318-000  
VERSAFIT-1/4-4-1IN



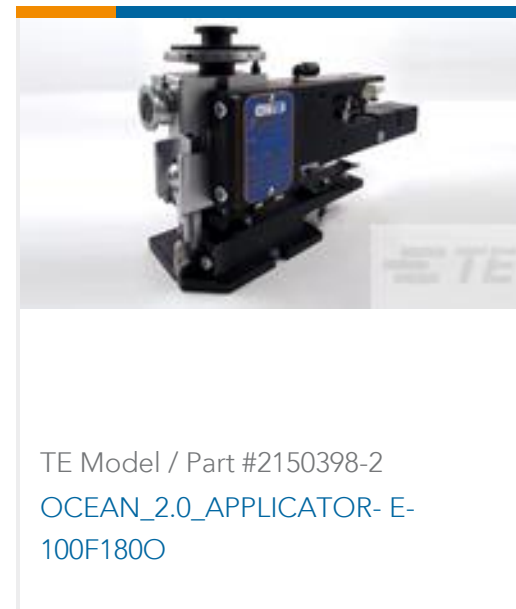
TE Model / Part #1969717-3  
HSG, REC., POS-LOCK, MK I 2P, 6.35 SR YEL



TE Model / Part #1855682-1  
HDM-FA-EA-200OV275OV-LM-CUT



TE Model / Part #1969655-1  
HSG, 250 S CIR FAST NAT



TE Model / Part #2150398-2  
OCEAN\_2.0\_APPLICATOR- E-100F1800



TE Model / Part #813070-1  
SHEAR, LOWER



TE Model / Part #CV7081-000  
VERSAFIT-3/4-0-0.5IN

## Documents

### Product Drawings

#### 3POS MT - EDGE HOUSING

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1703082-1\\_C.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1703082-1\\_C.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1703082-1\\_C.3d\\_stp.zip](#)

English

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

### Product Environmental Compliance



**Product Compliance**

English

**Product Compliance**

English