

1-293491-3 ✓ ACTIVE

RAST | RAST 5 IDC Connectors

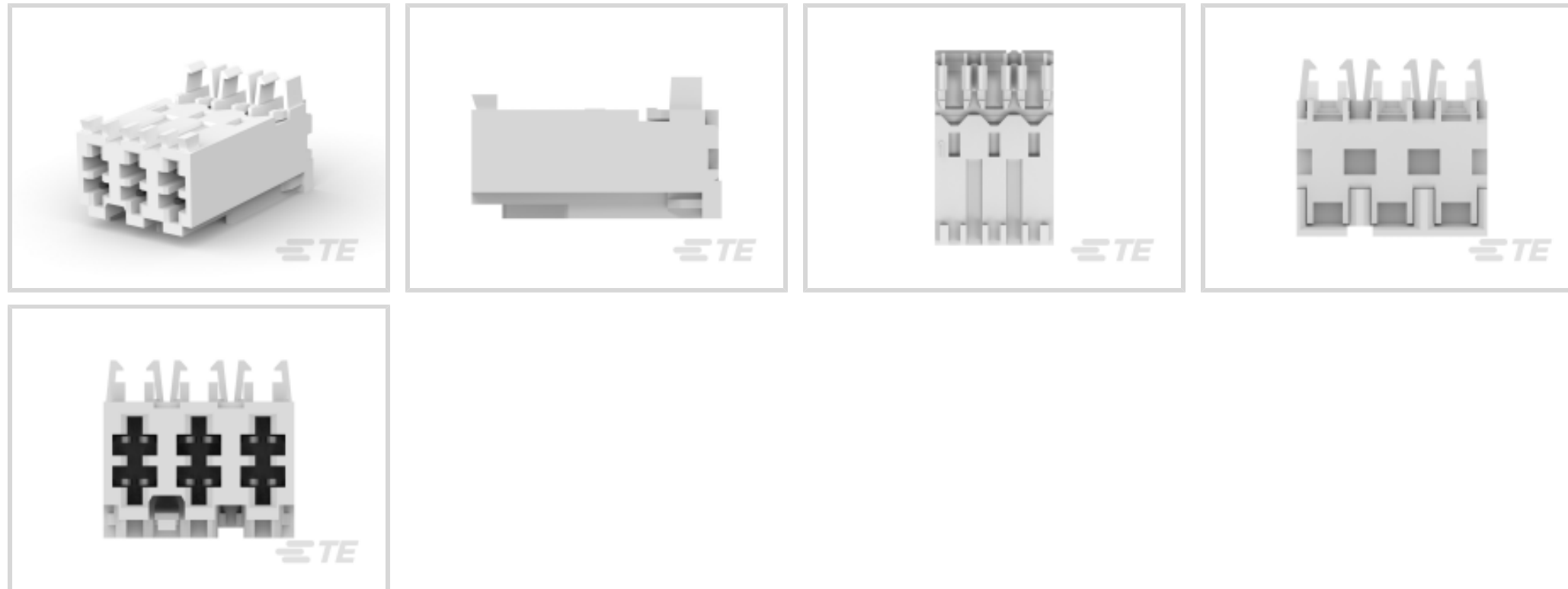
TE Internal #: 1-293491-3

Connector Assembly, Receptacle, Insulation Displacement (IDC),  
Wire-to-Board, Tin, UL 94V-2, RAST 5 IDC Connectors, Standard  
Rectangular Connectors

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Mating Retention: **With**

## Features

### Body Features

Primary Product Color	Natural
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### Packaging Features

Packaging Method	Tray, Box & Tray
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### Dimensions

Connector Width	14 mm[.55 in]
Connector Height	24.4 mm[.96 in]
Wire Size	20 – 16 AWG
Connector Length	14.9 mm[.586 in]

### Housing Features

Housing Material	PA 6.6
Centerline (Pitch)	5 mm[.197 in]

### Configuration Features

Number of Cavities	3
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Contacts Preloaded	Yes
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Number of Positions	3
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Number of Rows	1
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### Industry Standards

Compatible With Agency/Standards Products	UL, VDE
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UL Rating	Recognized
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Compatible With Approved Standards Products	UL E28476
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UL Flammability Rating	UL 94V-2
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### Contact Features

Wire Contact Termination Area Plating Material	Tin
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Contact Layout	Inline
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Contact Type	Receptacle
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Contact Mating Area Plating Material	Tin
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Contact Retention Within Housing	With
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Contact Current Rating (Max)	16 A
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### Product Type Features

Compatible With Discrete Wire Type	Stranded
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Connector Product Type	Connector Assembly
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Connector & Housing Type	Receptacle
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Connector System	Wire-to-Board
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Sealable	No
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Connector & Contact Terminates To	Wire & Cable
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### Mechanical Attachment

Mating Alignment	With
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Mating Alignment Type	Polarization
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Mating Retention	With
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Mating Retention Type	Locking Latch
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Connector Mounting Type	Cable Mount (Free-Hanging)
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### Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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### Electrical Characteristics

Operating Voltage	380 VAC
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### Usage Conditions

Operating Temperature Range	-25 – 105 °C[-13 – 221 °F]
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### Operation/Application

Shielded	No
Circuit Application	Power

### 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

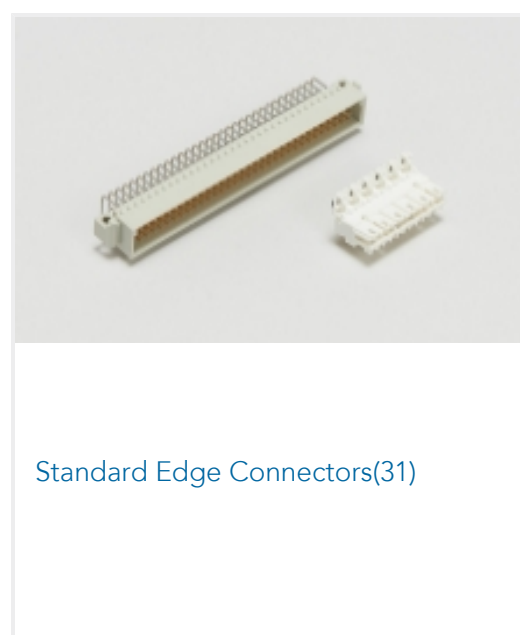
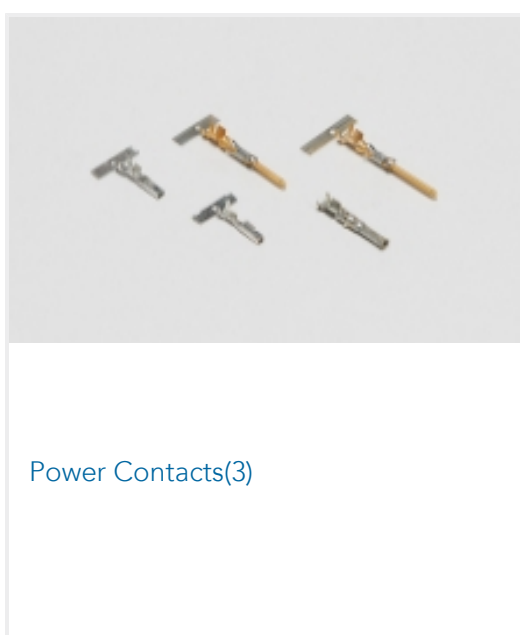
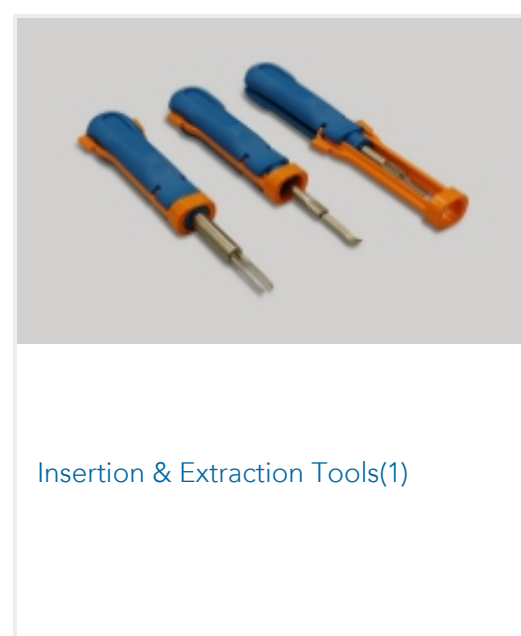
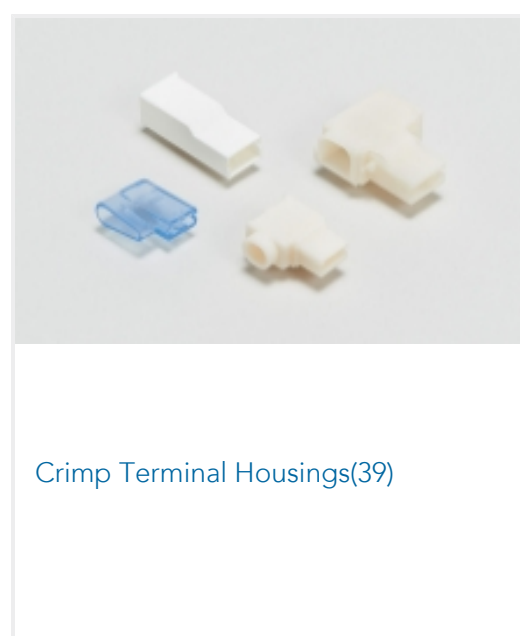
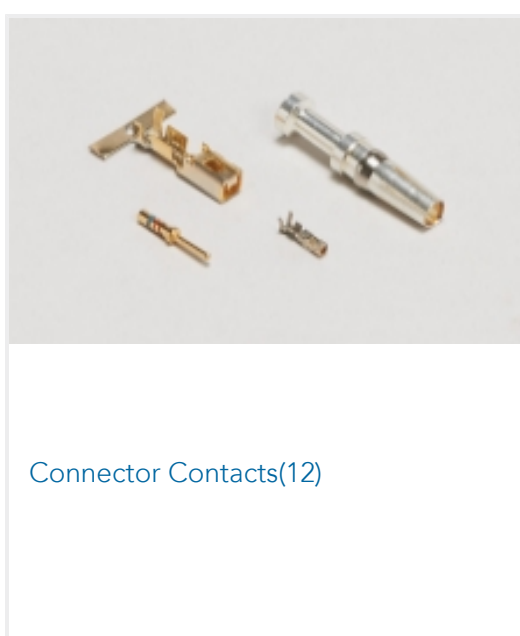
#### Product Compliance Disclaimer

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>

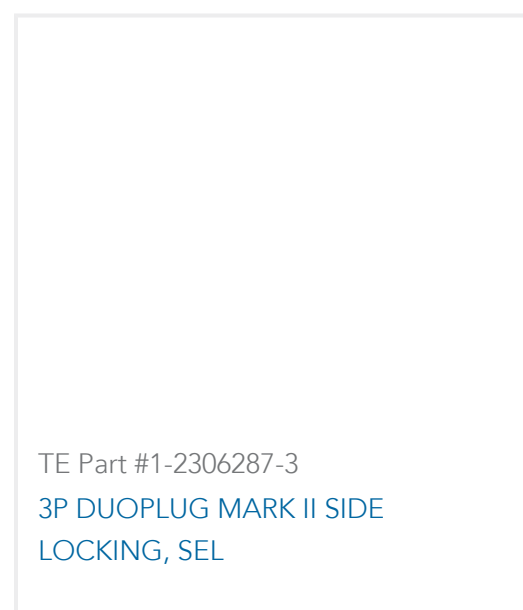
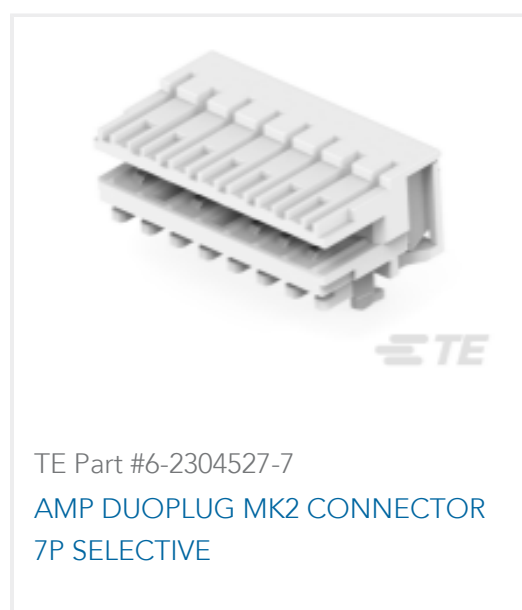
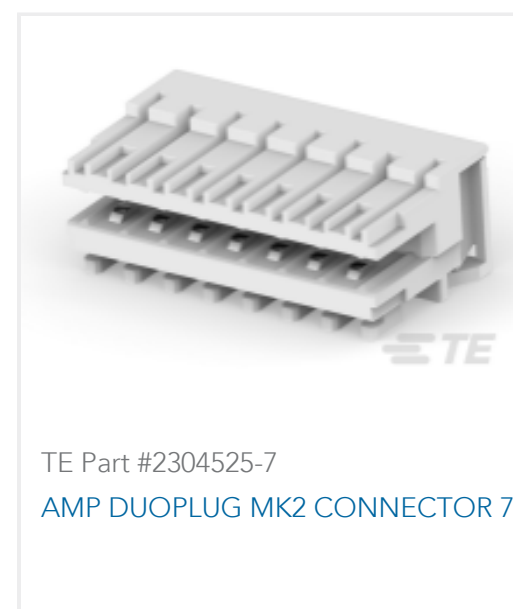
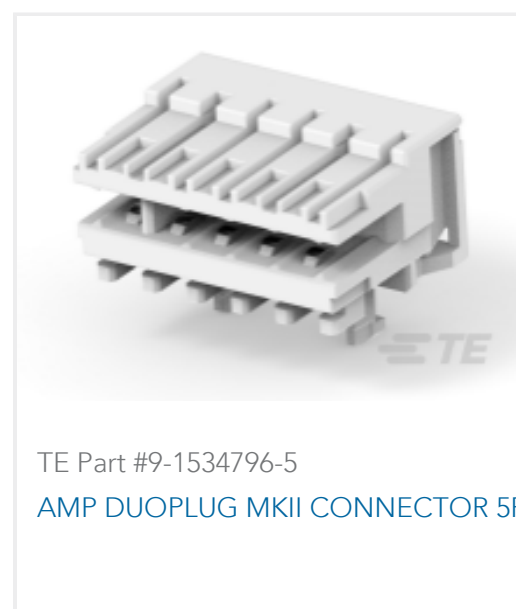
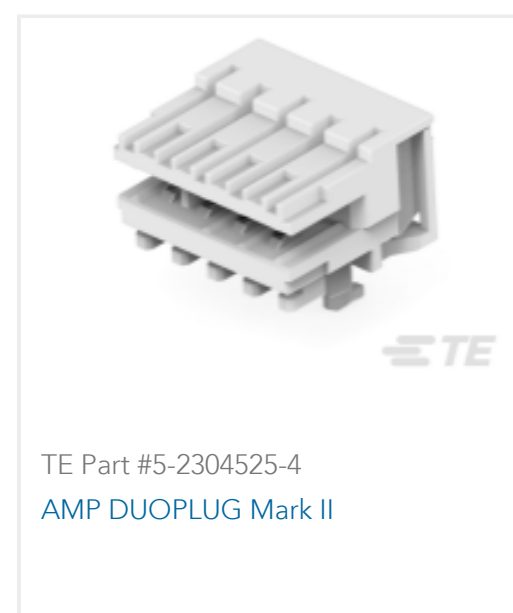
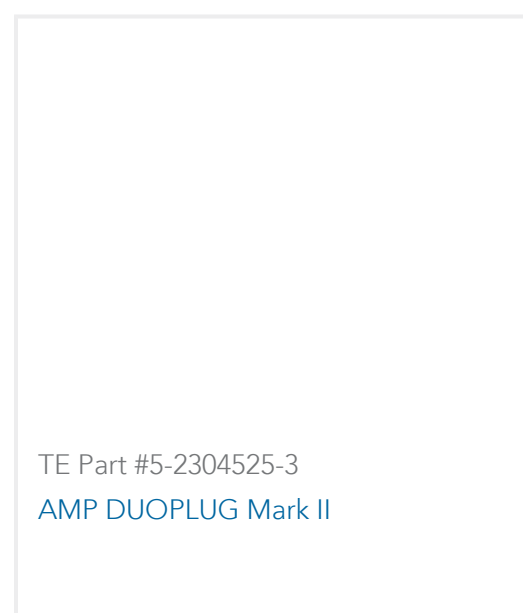
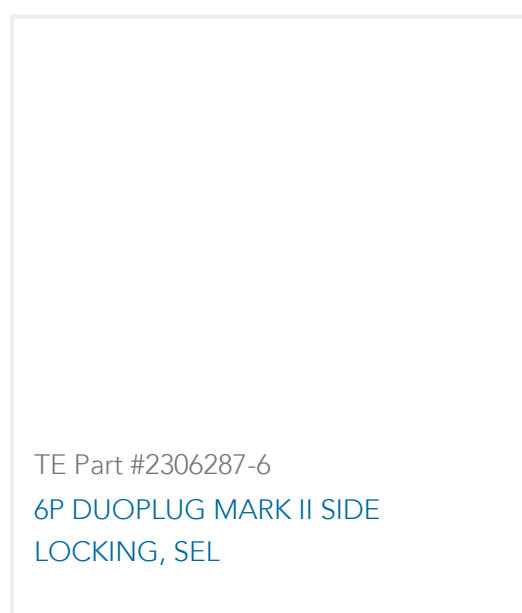
### Compatible Parts



Also in the Series | **RAST 5 IDC Connectors**



Customers Also Bought



## Documents

### Product Drawings

[AMP MONO-SHAPE TAB CONN assy 3](#)

English

### CAD Files

[3D PDF](#)

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-293491-3\\_D\\_c-1-293491-3-d.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-293491-3\\_D\\_c-1-293491-3-d.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-293491-3\\_D\\_c-1-293491-3-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

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## [Product Specifications](#)

### [Application Specification](#)

English

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## [Agency Approvals](#)

### [VDE Certificate](#)

English