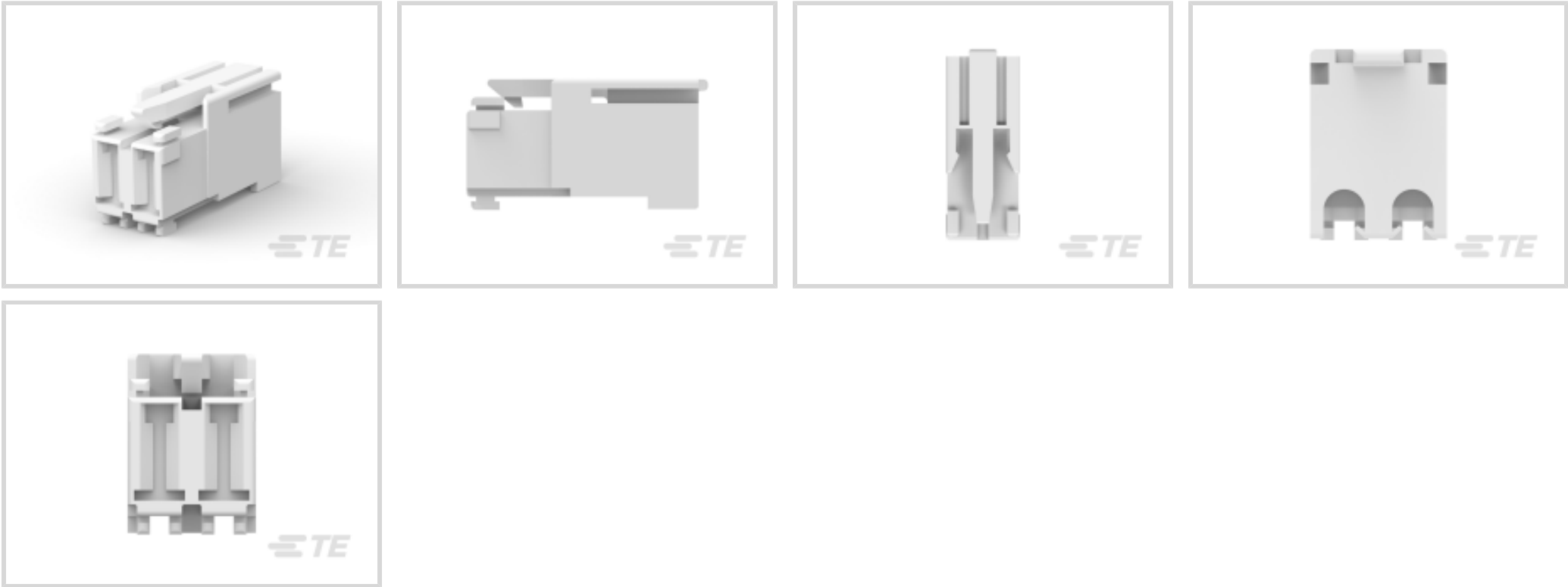




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Connector & Housing Type: **Receptacle**

Mating Retention Type: **Locking Latch**

Features

Product Type Features

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

Configuration Features

|                     |     |
|---------------------|-----|
| Number of Cavities  | 2   |
| Contacts Preloaded  | Yes |
| Number of Positions | 2   |
| Number of Rows      | 1   |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VDC |
|-------------------|---------|

Body Features

|                       |         |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|



Contact Features

|                                                |             |
|------------------------------------------------|-------------|
| Contact Layout                                 | Inline      |
| Contact Mating Area Plating Material           | Silver (Ag) |
| Contact Retention Within Housing               | With        |
| Contact Current Rating (Max)                   | 16 A        |
| Contact Type                                   | Receptacle  |
| Wire Contact Termination Area Plating Material | Silver      |

Termination Features

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

Mechanical Attachment

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

Housing Features

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

Dimensions

|                  |                         |
|------------------|-------------------------|
| Connector Width  | 25.7 mm[1.01 in]        |
| Connector Height | 12 mm[.47 in]           |
| Connector Length | 14.95 mm[.58 in]        |
| Wire Size        | 1 – 1.5 mm <sup>2</sup> |

Operation/Application

|                     |       |
|---------------------|-------|
| Shielded            | No    |
| Circuit Application | Power |

Industry Standards

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

Packaging Features



|                    |            |
|--------------------|------------|
| Packaging Quantity | 4900       |
| Packaging Method   | Box & Tube |

Product Compliance

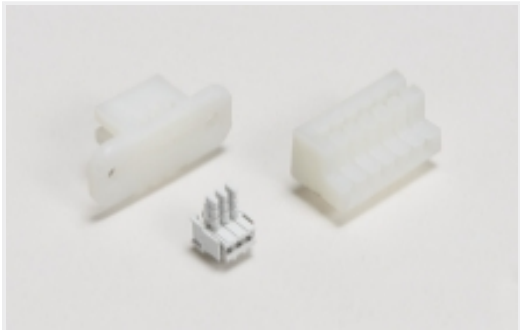
For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                                |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 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 2025 (250)<br>Candidate List Declared Against: JAN 2022 (223)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                               |
| Solder Process Capability                     | Not applicable 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



Card Edge Connector Housings(19)



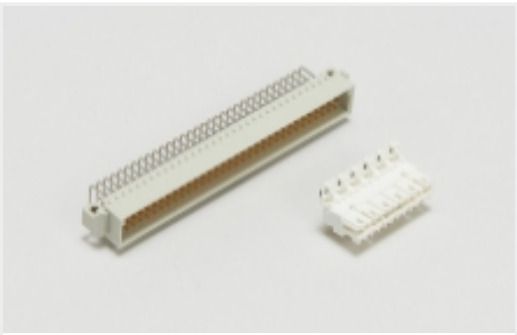
Connector Contacts(12)



Power Contacts(3)



Rectangular Power Connectors(658)



Standard Edge Connectors(31)

Customers Also Bought



TE Part #EF9981-000  
222K121-25L/225-0



TE Part #ZPF000000000148762  
DMC-M 99-04 AN (=33537-P0000)



TE Part #CAT-DMC-MD-26  
Rectangular Connector Receptacle  
Extenders, Tool-less Assembly



TE Part #204502-4  
RECEPT ASSY,26 POSN,AMPLIMITE



TE Part #205162-6  
AMPLIMITE,ASY,PLUG,109,1



TE Part #1757624-1  
SZ 8 COAX PIN,RG142,HEX CRIMP

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1241171-2\_K\_c-1241171-2-k.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1241171-2\_K\_c-1241171-2-k.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1241171-2\_K\_c-1241171-2-k.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

Application Specification

English

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Agency Approvals

VDE Certificate

English

VDE Certificate

English

VDE Certificate

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