



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

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  | 6   |
| Contacts Preloaded  | Yes |
| Number of Positions | 6   |
| Number of Rows      | 1   |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

Body Features

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



Contact Features

|                                                |            |
|------------------------------------------------|------------|
| Wire Contact Termination Area Plating Material | Silver     |
| Contact Layout                                 | Inline     |
| Contact Type                                   | Receptacle |
| Contact Mating Area Plating Material           | Tin (Sn)   |
| Contact Retention Within Housing               | With       |
| Contact Current Rating (Max)                   | 10 A       |

Termination Features

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

Mechanical Attachment

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

Housing Features

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

Dimensions

|                  |                   |
|------------------|-------------------|
| Connector Width  | 25.7 mm[1.01 in]  |
| Connector Height | 12 mm[.47 in]     |
| Wire Size        | 22 – 17 AWG       |
| Connector Length | 29.95 mm[1.17 in] |

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 | 1568       |
| 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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2022 (223)<br>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 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



Connector Contacts(12)



Power Contacts(3)

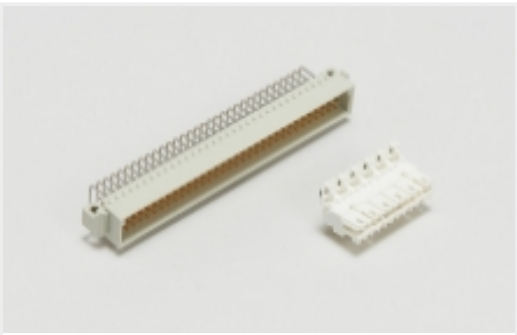


Rectangular Connector Housings(1)



Rectangular Power Connectors(481)



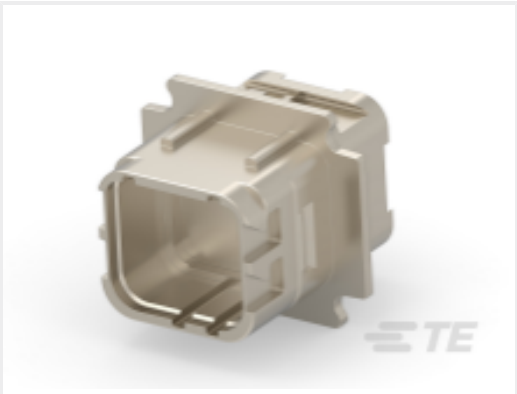


Standard Edge Connectors(31)



Wire-to-Board Connector Assemblies & Housings(197)

Customers Also Bought



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



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



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



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



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



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

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1241170-6\_J.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1241170-6\_J.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1241170-6\_J.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_1241170-6\_K1.3d\_igs.zip

English

Customer View Model



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Customer View Model

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[3D PDF](#)

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Datasheets & Catalog Pages

[RAST Connector System Catalog](#)

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Product Specifications

[Application Specification](#)

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