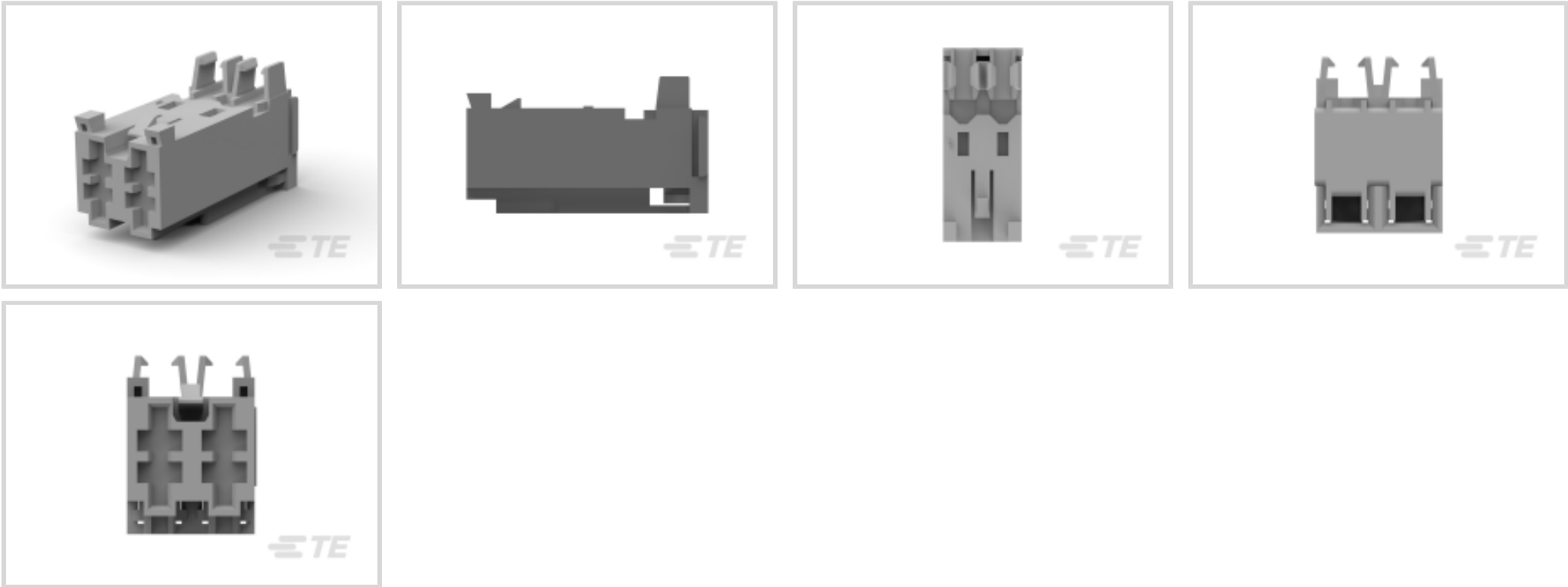




Connectors > Rectangular Connectors > Standard Rectangular Connectors



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

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 240 VAC |
|-------------------|---------|

Body Features



|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features

|                                                |            |
|------------------------------------------------|------------|
| Wire Contact Termination Area Plating Material | Tin        |
| 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  | 14 mm[.55 in]    |
| Connector Height | 24.5 mm[.964 in] |
| Wire Size        | 20 – 15 AWG      |
| Connector Length | 9.9 mm[.39 in]   |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -25 – 105 °C[-13 – 221 °F] |
|-----------------------------|----------------------------|

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 Method | Box & Tray |
|------------------|------------|

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 2025 (247)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                |
| 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>

Compatible Parts



TE Part # 293141-2  
AMP MONO-SHAPE TAB CONN 5P.  
LIF UP 7A

TE Part # 1-284338-3  
AMP MONO-SHAPE 2 POS TAB  
CONN

TE Part # 1-284338-2  
AMP MONO-SHAPE 2 POS TAB  
CONN

TE Part # 1-282002-6  
MONO-SHAPE MK I TAB CONN ASSY

TE Part # 1-282002-5  
AMP MONO-SHAPE TAB CONN

TE Part # 293143-1  
AMP MONO-SHAPE TAB CONN 7P.  
LIF UP 10A

TE Part # 1-282002-1  
AMP MONO-SHAPE TAB CONN 2P.

Also in the Series | RAST 5 IDC Connectors

Connector Contacts(12)

Crimp Terminal Housings(39)

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(417)

Power Contacts(3)

Rectangular Power Connectors(481)

Standard Edge Connectors(31)

Wire-to-Board Headers & Receptacles  
(417)

Customers Also Bought

TE Part #CAT-AM71-CH8172  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING

TE Part #281934-2  
SINGLE WIRE SEAL

TE Part #CAT-D48-ST273  
DEUTSCH Solid Contacts

TE Part #DT04-2P  
REC, 2P, GRY, N



Documents

Product Drawings

AMP MONO-SHAPE 2 POS TAB CONN

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-284338-1\_C\_c-1-284338-1-c.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-284338-1\_C\_c-1-284338-1-c.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-284338-1\_C\_c-1-284338-1-c.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

Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English