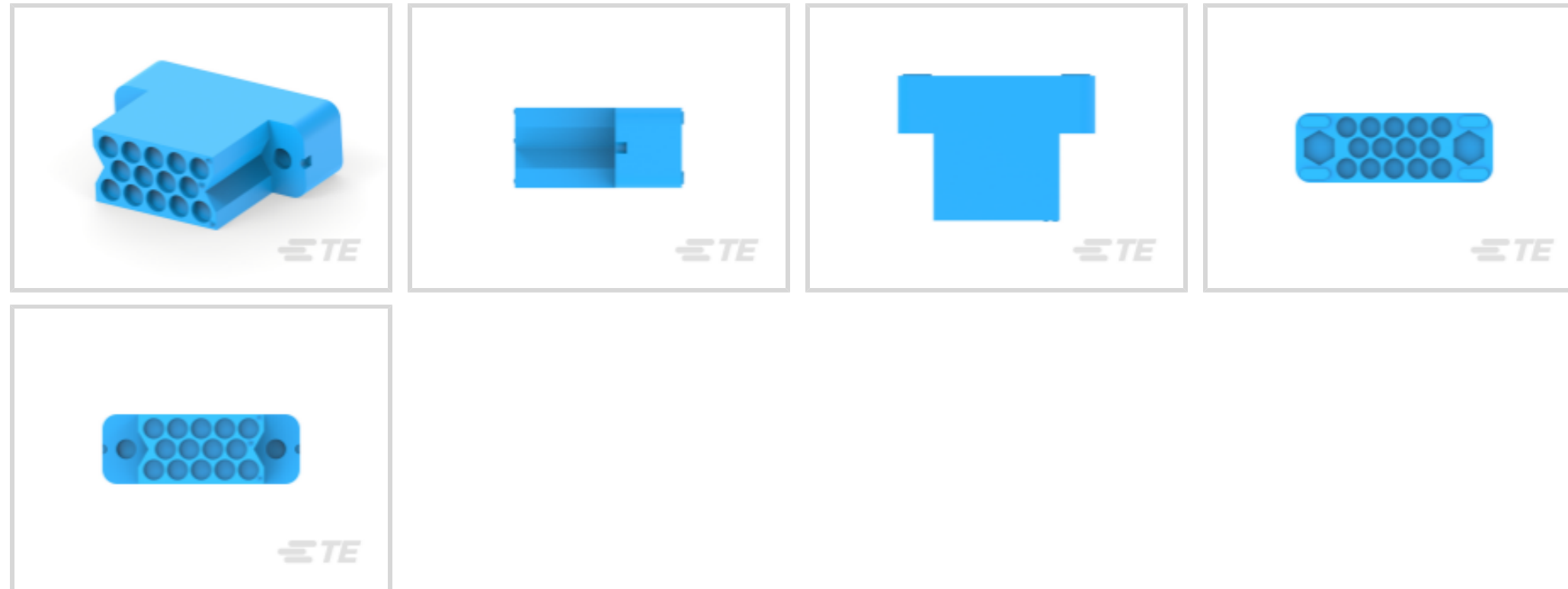




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Cable-to-Cable, Cable-to-Panel**

Number of Positions: **14**

Centerline (Pitch): **3.81 mm [.15 in]**

## Features

### Product Type Features

|                                   |                                |
|-----------------------------------|--------------------------------|
| Rectangular Power Connector Type  | Housing                        |
| Connector & Housing Type          | Receptacle                     |
| Connector System                  | Cable-to-Cable, Cable-to-Panel |
| Sealable                          | No                             |
| Connector & Contact Terminates To | Wire & Cable                   |

### Configuration Features

|                            |    |
|----------------------------|----|
| Number of Positions        | 14 |
| Number of Power Positions  | 14 |
| Number of Signal Positions | 14 |
| Number of Rows             | 3  |

### Electrical Characteristics

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

### Contact Features

|                              |      |
|------------------------------|------|
| Contact Current Rating (Max) | 13 A |
|------------------------------|------|



|                                  |      |
|----------------------------------|------|
| Contact Retention Within Housing | With |
|----------------------------------|------|

|              |        |
|--------------|--------|
| Contact Type | Socket |
|--------------|--------|

### Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

### Mechanical Attachment

|                     |      |
|---------------------|------|
| Panel Mount Feature | With |
|---------------------|------|

|                          |             |
|--------------------------|-------------|
| Panel Mount Feature Type | Screw Mount |
|--------------------------|-------------|

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Panel Mount |
|-------------------------|-------------|

### Housing Features

|                    |                  |
|--------------------|------------------|
| Centerline (Pitch) | 3.81 mm [.15 in] |
|--------------------|------------------|

|               |      |
|---------------|------|
| Housing Color | Blue |
|---------------|------|

|                  |                   |
|------------------|-------------------|
| Housing Material | Diallyl Phthalate |
|------------------|-------------------|

### Dimensions

|                  |                    |
|------------------|--------------------|
| Connector Height | 31.75 mm [1.25 in] |
|------------------|--------------------|

|               |                   |
|---------------|-------------------|
| Product Width | 11.18 mm [.44 in] |
|---------------|-------------------|

|                |                    |
|----------------|--------------------|
| Product Length | 23.24 mm [.915 in] |
|----------------|--------------------|

|           |                         |
|-----------|-------------------------|
| Wire Size | .05 – 2 mm <sup>2</sup> |
|-----------|-------------------------|

|                    |                 |
|--------------------|-----------------|
| Row-to-Row Spacing | 3.3 mm [.13 in] |
|--------------------|-----------------|

### Usage Conditions

|                             |                             |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -65 – 125 °C [-85 – 257 °F] |
|-----------------------------|-----------------------------|

### Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

### Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

|                  |                               |
|------------------|-------------------------------|
| Glow Wire Rating | Standard Part - Not Glow Wire |
|------------------|-------------------------------|

### Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 261 |
|--------------------|-----|

|                  |        |
|------------------|--------|
| Packaging Method | Carton |
|------------------|--------|

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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        | <p>Current ECHA Candidate List: JAN 2023 (233)</p> <p>Candidate List Declared Against: JAN 2023 (233)</p> <p>SVHC &gt; Threshold:<br/>tris(2-methoxyethoxy)vinylsilane (.11% in Component Part)</p> <p><b>Article Safe Usage Statements:</b><br/>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p> |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.   |
| Solder Process Capability                     | Wave solder capable to 265°C   |

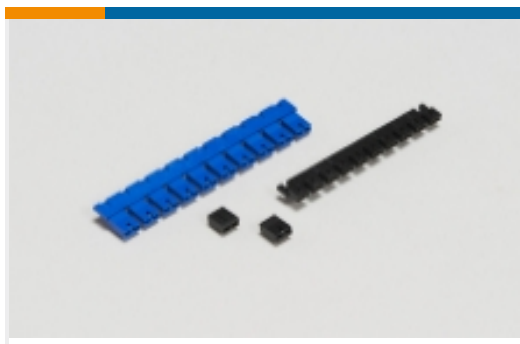
Product Compliance Disclaimer

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



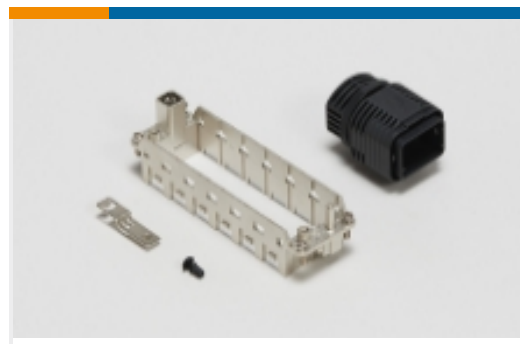
Also in the Series | [AMP M Series](#)



Board-to-Board Jumpers & Shunts(7)



Rack & Panel Connectors(1)



Rectangular Connector Hardware(51)

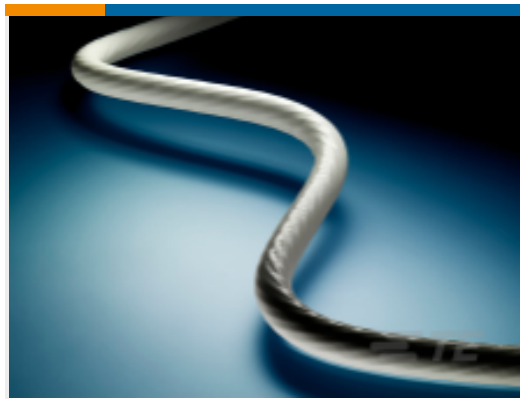


Rectangular Power Connectors(66)



Standard Edge Connectors(2)

## Customers Also Bought



TE Part #EG4537-000  
SHF260-0113-22-9



TE Part #813281-000  
SGRT-2-03



TE Part #ES3100402BGL  
ES3100402BGL=RELAY



TE Part #RE04-212S  
PLUG ASSY



TE Part #389157-000  
CXA-0078-22-1-9CS2405



TE Part #374Z-04025  
Speed sen DSH 1840.01 SHV (2m) 008



TE Part #889113-000  
CXA-0078-18-1-9CS2405



TE Part #909609-000  
CXA-0078-24-1-9CS2405



TE Part #K1141253  
Limit switch G06-221-M-015 / -036

## Documents



**Product Drawings**

**FEMALE BLOCK 14 POS**

English

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**CAD Files**

**3D PDF**

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_201298-3\\_AH.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_201298-3\\_AH.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_201298-3\\_AH.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

**M\_SERIES\_PIN\_AND\_SOCKET\_CONNECTORS**

English

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**Instruction Sheets**

**Instruction Sheet (U.S.)**

English

**AMP 14 Position Series "M" -SM & "M" -DM Connectors**

English

**Instruction Sheet (U.S.)**

English

**6, 14, 20 AND 41 POSITION SERIES "M" CONNECTORS**

English

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**Agency Approvals**

**Agency Approval Document**

English