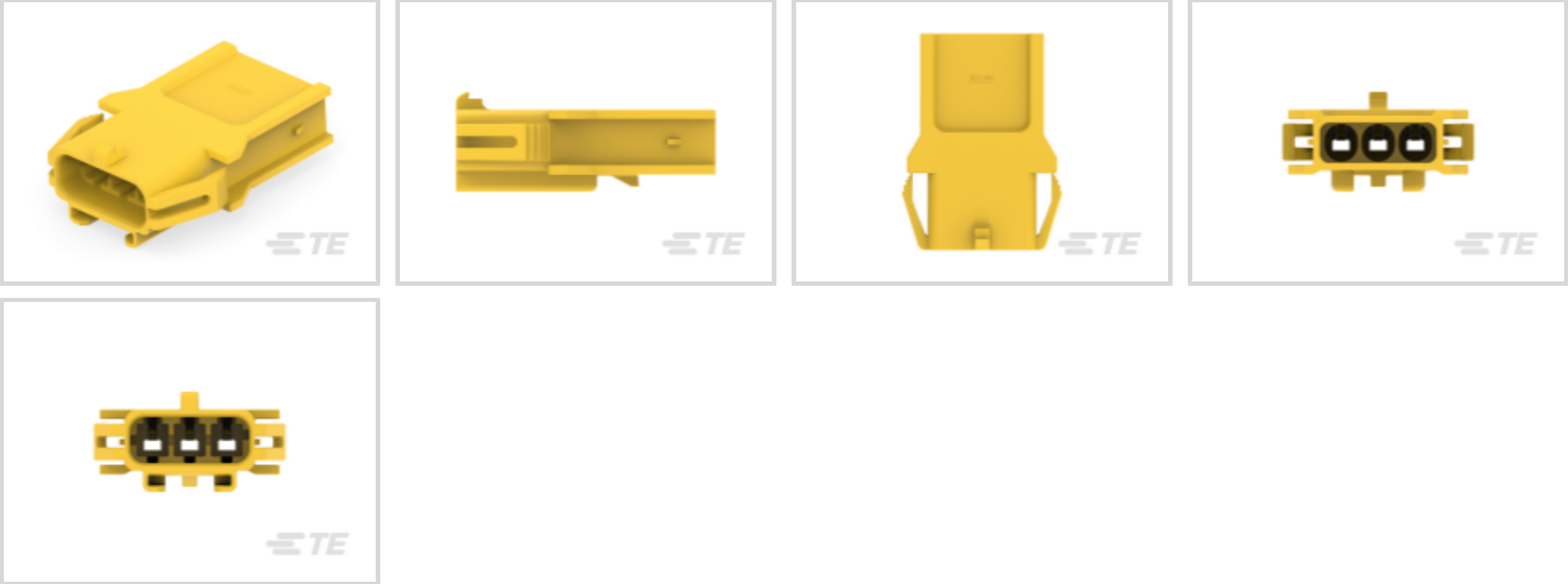




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Cap**

Connector System: **Wire-to-Wire**

Number of Positions: **3**

Centerline (Pitch): **5 mm [.197 in]**

Features

Product Type Features

|                                   |                  |
|-----------------------------------|------------------|
| Connector Seal & Plug Type        | Interfacial Seal |
| Rectangular Power Connector Type  | Housing          |
| Connector & Housing Type          | Cap              |
| Connector System                  | Wire-to-Wire     |
| Sealable                          | Yes              |
| Connector & Contact Terminates To | Wire & Cable     |

Configuration Features

|                           |   |
|---------------------------|---|
| Number of Columns         | 3 |
| Number of Positions       | 3 |
| Number of Power Positions | 3 |
| Number of Rows            | 1 |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 600 VDC |
|-------------------|---------|

Body Features



|                  |      |
|------------------|------|
| Cable Exit Angle | 180° |
|------------------|------|

|                         |   |
|-------------------------|---|
| Connector & Keying Code | B |
|-------------------------|---|

Contact Features

|                |        |
|----------------|--------|
| Contact Layout | Inline |
|----------------|--------|

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

|              |     |
|--------------|-----|
| Contact Type | Tab |
|--------------|-----|

Termination Features

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

Mechanical Attachment

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

|                          |         |
|--------------------------|---------|
| Panel Mount Feature Type | Latches |
|--------------------------|---------|

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

Housing Features

|                    |               |
|--------------------|---------------|
| Centerline (Pitch) | 5 mm[.197 in] |
|--------------------|---------------|

|               |        |
|---------------|--------|
| Housing Color | Yellow |
|---------------|--------|

|                  |               |
|------------------|---------------|
| Housing Material | 66 Nylon (GF) |
|------------------|---------------|

Dimensions

|                               |                           |
|-------------------------------|---------------------------|
| Panel Thickness (Recommended) | .8 – 2 mm[.031 – .078 in] |
|-------------------------------|---------------------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -30 – 105 °C[-22 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Identification Marking

|                                |      |
|--------------------------------|------|
| Circuit Identification Feature | With |
|--------------------------------|------|

Industry Standards

|                                           |    |
|-------------------------------------------|----|
| Compatible With Agency/Standards Products | UL |
|-------------------------------------------|----|

|                                             |           |
|---------------------------------------------|-----------|
| Compatible With Approved Standards Products | UL E28476 |
|---------------------------------------------|-----------|

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

|                  |           |
|------------------|-----------|
| Glow Wire Rating | Glow Wire |
|------------------|-----------|

Packaging Features

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



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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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                                                                                      |

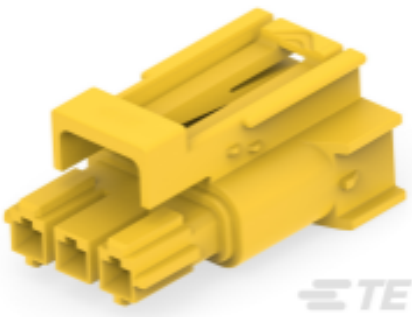
Product Compliance Disclaimer

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 1-2325349-3  
PWR VERSA-LOCK REAR SEAL, 1X3, 1.3-2.4



TE Part # 2-2381315-3  
Power Versa-Lock PLUG, 1X3 KEY B, GWT

Also in the Series | Power Versa-Lock 5.0



Connector Caps & Covers(4)



Connector Contacts(12)



Connector Hardware(5)



Connector Seals & Cavity Plugs(9)



Insertion & Extraction Tools(2)



Rectangular Power Connectors(77)

Documents

Product Drawings

Power Versa-Lock CAP, 1X3 KEY B, GWT

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_2-2381317-3\_14.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-2381317-3\_14.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-2381317-3\_14.3d\_stp.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English