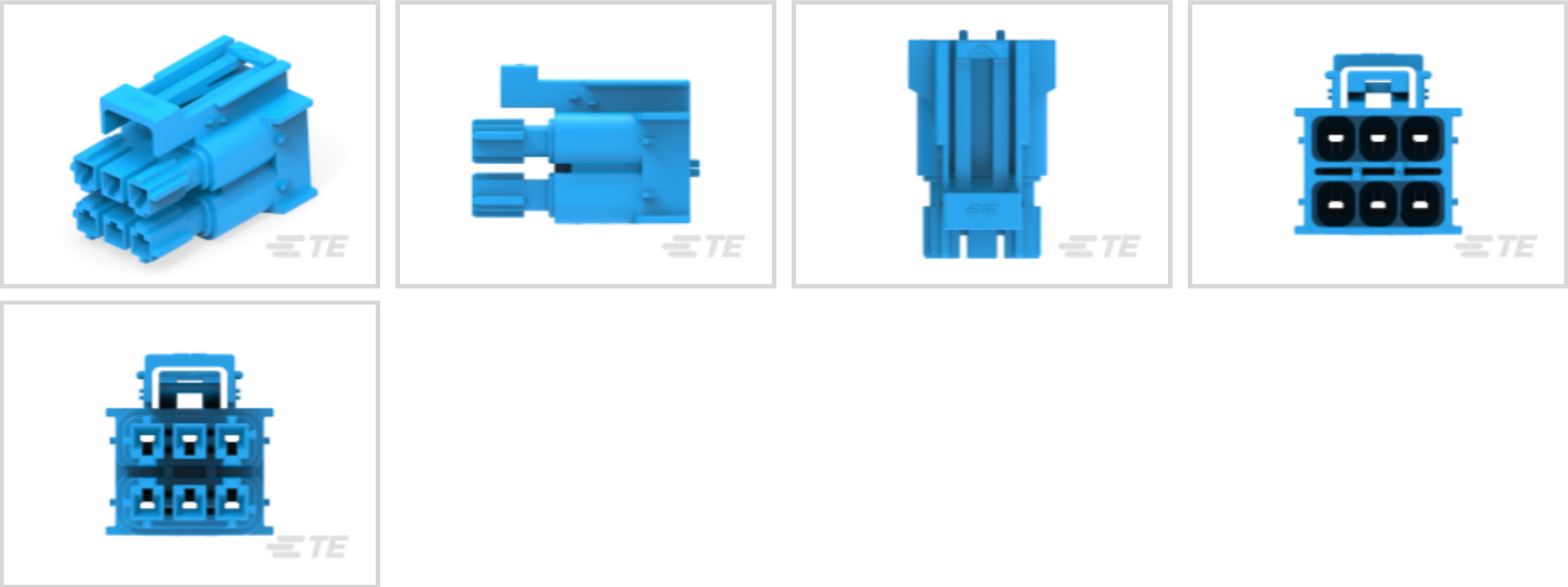




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Connector & Housing Type: **Plug**
Connector System: **Wire-to-Wire**
Number of Positions: **6**
Centerline (Pitch): **5 mm [.197 in]**

Features

Product Type Features

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

Configuration Features

| | |
|---------------------|---|
| Number of Columns | 3 |
| Number of Positions | 6 |

Body Features

| | |
|-------------------------|------|
| Connector & Keying Code | A |
| Cable Exit Angle | 180° |
| Primary Product Color | Blue |

Contact Features

| | |
|--|--|
| | |
|--|--|



| | |
|----------------|--------|
| Contact Layout | Matrix |
|----------------|--------|

Housing Features

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

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -30 – 140 °C[-22 – 284 °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 |

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) Candidate List Declared Against: JUNE 2024 (241) 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 # 2340648-6
PWR VERSA-LOCK BACK COVER, 2X3

TE Part # 1-2325349-3
PWR VERSA-LOCK REAR SEAL, 1X3, 1.5-2.4

TE Part # 1-2381608-6
Power Versa-Lock TNL CAP, 2X3 KEY A, 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)

Power Contacts(12)

Rectangular Power Connectors(77)

Customers Also Bought

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

TE Part #281934-2
SINGLE WIRE SEAL

TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



Documents

Product Drawings

Power Versa-Lock PLUG, 2X3 KEY A, GWT

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-2381595-6_13.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2381595-6_13.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1-2381595-6_13.3d_igs.zip

English

3D PDF

3D

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

Product Specifications

Application Specification

English