# 2-1971777-2 ✔ ACTIVE

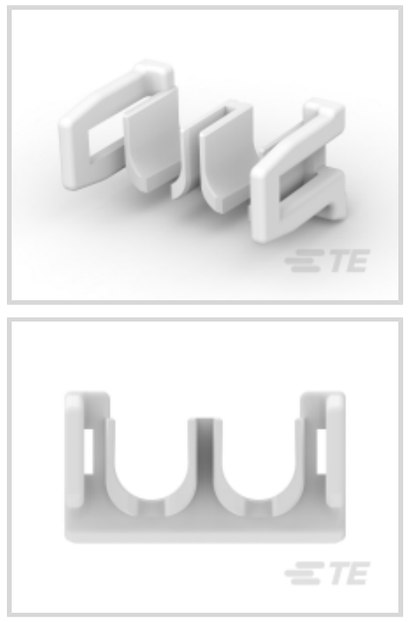
Power Triple Lock

TE Internal #: 2-1971777-2

TPA (Terminal Position Assurance), Natural, Glass-Filled PBT, 2 Position, Power Triple Lock

View on TE.com >

Connectors > Connector Accessories > Connector Hardware



Hardware Accessory Function: **Position Assurance**

Connector Hardware Accessory Type: **TPA (Terminal Position Assurance)**

Primary Product Color: **Natural**

Primary Product Material: **Glass-Filled PBT**

Number of Positions: **2**

## Features

### Product Type Features

| | |
|---|---|
| Hardware Accessory Function | Position Assurance |
| Connector Hardware Accessory Type | TPA (Terminal Position Assurance) |

### Configuration Features

| | |
|---|---|
| Number of Positions | 2 |

### Body Features

| | |
|---|---|
| Primary Product Color | Natural |
| Primary Product Material | Glass-Filled PBT |

### Usage Conditions

| | |
|---|---|
| Operating Temperature (Max) | 140 °C[284 °F] |
| Operating Temperature Range | -55 – 140 °C[-67 – 284 °F] |

### Industry Standards

| | |
|---|---|
| UL Flammability Rating | UL 94V-0 |
| Glow Wire Rating | Hot Wire Part - Not Glow Wire |

### Packaging Features

| | |
|---|---|
| Packaging Method | Bag |
| Packaging Quantity | 3500 |

## 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<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 |

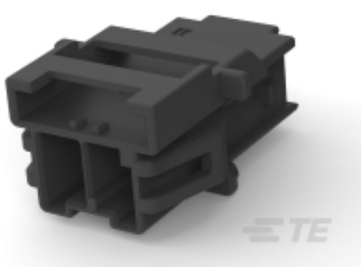
Product Compliance Disclaimer

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 # 1-2232265-1
PTL 1X2 PLUG HSG HOT WIRE KEY A BLK

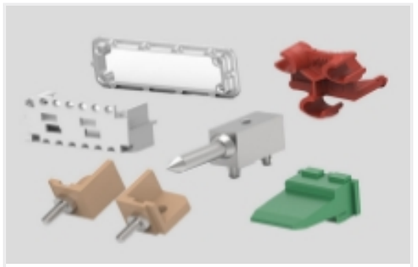


TE Part # 1-2232263-1
PTL 1X2 CAP PANEL MT HOT WIRE KEY A BLK

## Also in the Series | Power Triple Lock



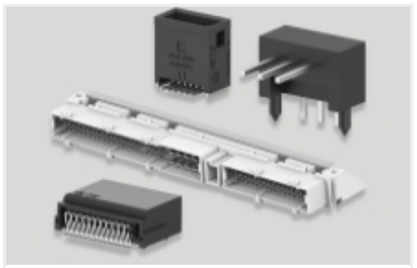
Connector Contacts(26)



Connector Hardware(12)



Insertion & Extraction Tools(1)



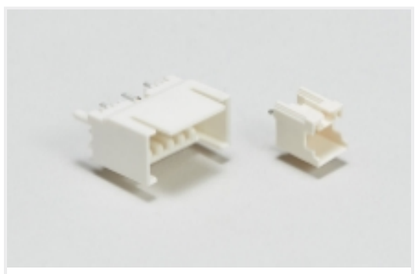
PCB Headers & Receptacles(21)



Power Contacts(26)



Rectangular Power Connectors(301)



Wire-to-Board Headers & Receptacles (21)

## Customers Also Bought

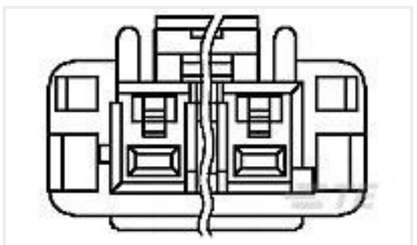



TE Part #505874K049
VERSAFIT-1/4-0-1.5IN

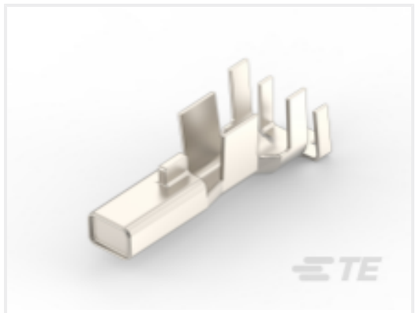
TE Part #1-521204-4
HSG, POS LOCK, .250 SERIES, 2 POSITION



TE Part #1-521785-1
250 FASTON HSG.,REC.,2 POS, NATRUAL



TE Part #1376389-5
5MM POWER KEY 3P PLUG HSG NUT



TE Part #CAT-P87074-R2435
Receptacle Contact — POWER TRIPLE LOCK



TE Part #1971784-2
PTL TAB CONTACT, 16-19 AWG, 2X22 AWG



TE Part #1-2232265-1
PTL 1X2 PLUG HSG HOT WIRE KEY A BLK



TE Part #2423313-1
HOUSING, RECEPTACLE, FASTON, 250 SERIES



TE Part #2423314-1
HOUSING, RECEPTACLE, FASTON, 250 SERIES

## Documents

## Product Drawings

PTL TPA HWI 1 X 2 NATURAL

English

## CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_2-1971777-2_B.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_2-1971777-2_B.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_2-1971777-2_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

## Product Specifications

Application Specification

English