1-1971773-4 ✔ ACTIVE

Power Triple Lock

TE Internal #: 1-1971773-4

Housing, Plug, Wire-to-Wire, 4 Position, 6 mm [.236 in] Centerline, Wire & Cable, UL 94V-0, Power Triple Lock, Rectangular Power Connectors

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors > POWER TRIPLE LOCK Plug, Standard Temperature







EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

All POWER TRIPLE LOCK Plug, Standard Temperature (48)

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	4
Number of Power Positions	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VDC

Body Features

Connector & Keying Code	A
Cable Exit Angle	180°

Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Receptacle

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	6 mm[.236 in]
Housing Color	Natural
Housing Material	PBT GF

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Power

Identification Marking

Circuit Identification Feature	With

Industry Standards

Compatible With Agency/Standards Products	UL
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not 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) 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 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 # 5-2232265-4
PTL 1X4 PLUG HSG GLW WIRE KEY A DGR



TE Part # 1-1971772-4
PTL 1X4 CAP PANEL MT STD TEMP KEY A NAT



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



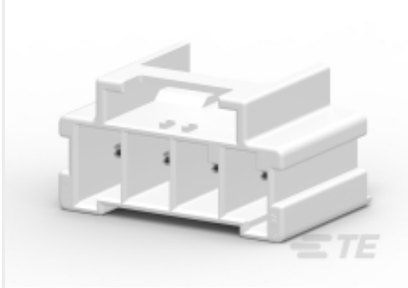
TE Part # 1971777-4
PTL TPA HIGH TEMP 1 x 4 BLACK



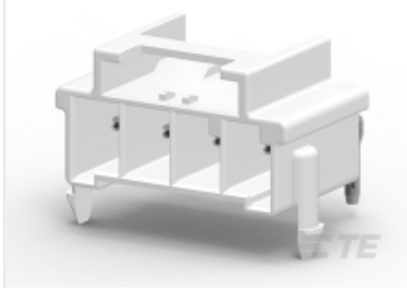
TE Part # 1452426-1
EXTRACTION TOOL



TE Part # 1971789-1
CPA



TE Part # 1969688-4
PTL 1X4 PCB HEADER VERT STDTMP KEY A NAT

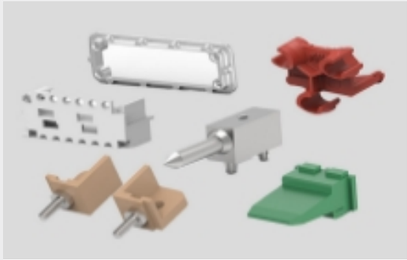


TE Part # 1969694-4
PTL 1X4 PCB HEADER R/A STDTEMP KEY A NAT

Also in the Series | Power Triple Lock



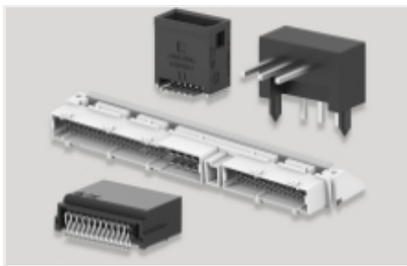
Connector Contacts(26)



Connector Hardware(12)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(21)

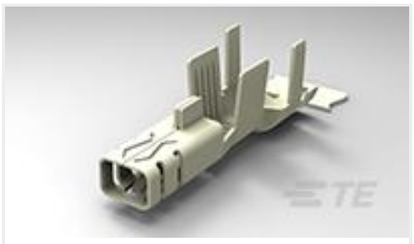


Rectangular Power Connectors(280)

Customers Also Bought



TE Part #1-1971772-4
Standard Temperature Caps | POWER TRIPLE LOCK



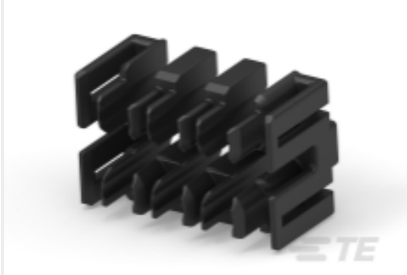
TE Part #1971785-1
PTL RECEPTACLE CONTACT, 20 - 24 AWG



TE Part #1-1971773-2
PTL 1X2 PLUG HSG STD TEMP KEY A NAT



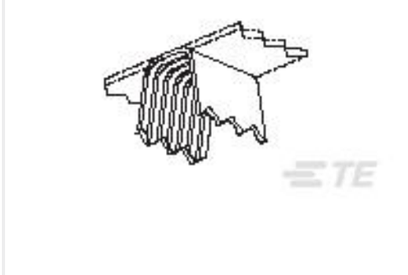
TE Part #2329915-1
Power Versa-Lock RECPT, 22-26 AWG



TE Part #2337218-6
Power Versa-Lock TPA, 2X3



TE Part #1-2336229-6
Power Versa-Lock PLUG, 2X3 KEY A



TE Part #1601601-1
L061/076D16B=RTM 1100-3200

Documents

Product Drawings

PTL 1X4 PLUG HSG STD TEMP KEY A NAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1971773-4_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1971773-4_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1971773-4_F.3d_stp.zip

English

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

Datasheets & Catalog Pages

1-1773734-9 TE Power Triple Lock Quick Reference Guide - German

German

9-1773465-1Power Triple Lock QRG

English

Product Specifications

Application Specification

English