

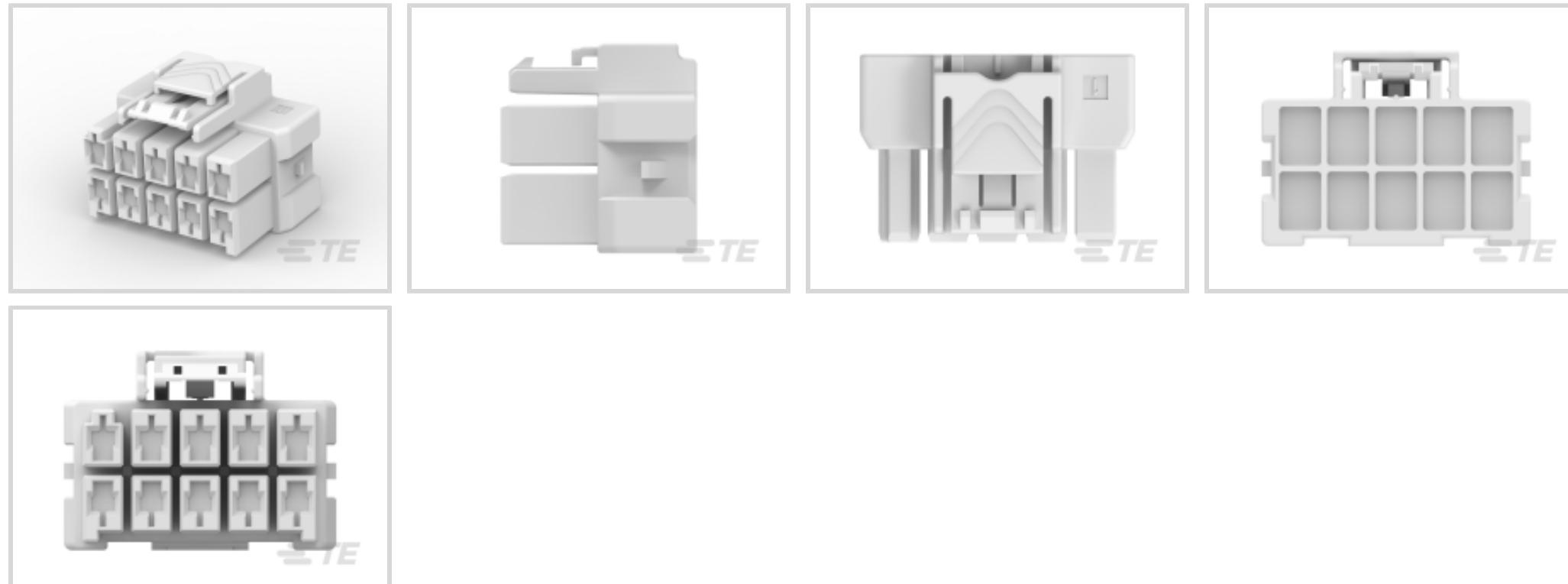
Power Triple Lock

TE Internal #: 1-1971776-5

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 10 Position, 6 mm [.236 in] Centerline, Wire & Cable, UL 94V-0, Power Triple Lock

[View on TE.com >](#)

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

Rectangular Power Connector Type: **Housing**Connector & Housing Type: **Plug**Connector System: **Wire-to-Wire**Number of Positions: **10**Centerline (Pitch): **6 mm [.236 in]**[All POWER TRIPLE LOCK Plug, Standard Temperature \(48\)](#)**Features****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	10
Number of Power Positions	10
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VDC
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Body Features

Cable Exit Angle	180°
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Connector & Keying Code	A
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Contact Features

Contact Layout	Matrix
Contact Retention Within Housing	Without
Contact Type	Receptacle

Termination Features

Termination Method to Wire & Cable	Crimp
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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

Dimensions

Row-to-Row Spacing	8.1 mm [.319 in]
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Usage Conditions

Operating Temperature Range	-55 - 105 °C [-67 - 221 °F]
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Operation/Application

Circuit Application	Power
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Identification Marking

Circuit Identification Feature	With
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Industry Standards

UL Rating	Recognized
Compatible With Agency/Standards Products	UL
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
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Product Compliance

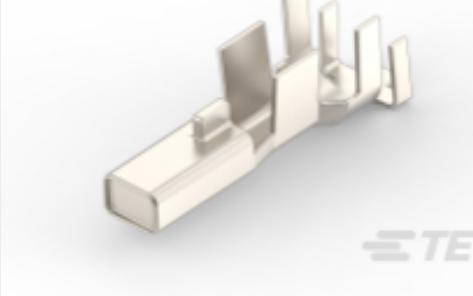
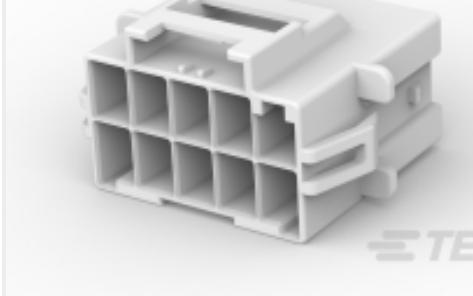
For compliance documentation, visit the product page on [TE.com](https://www.te.com/compliance)>

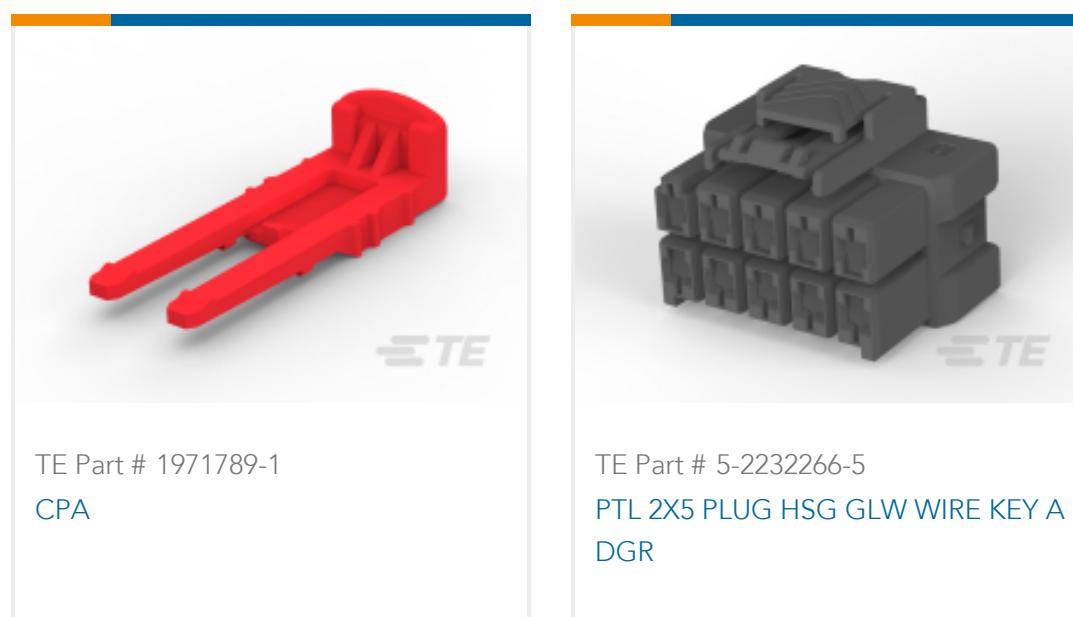
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not 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

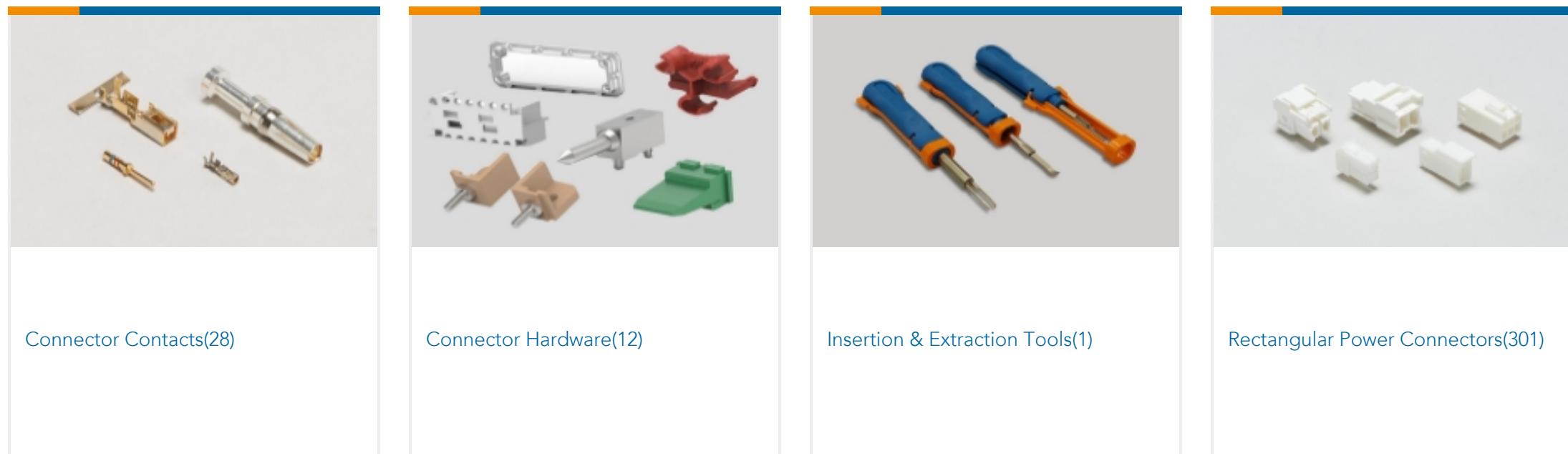
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

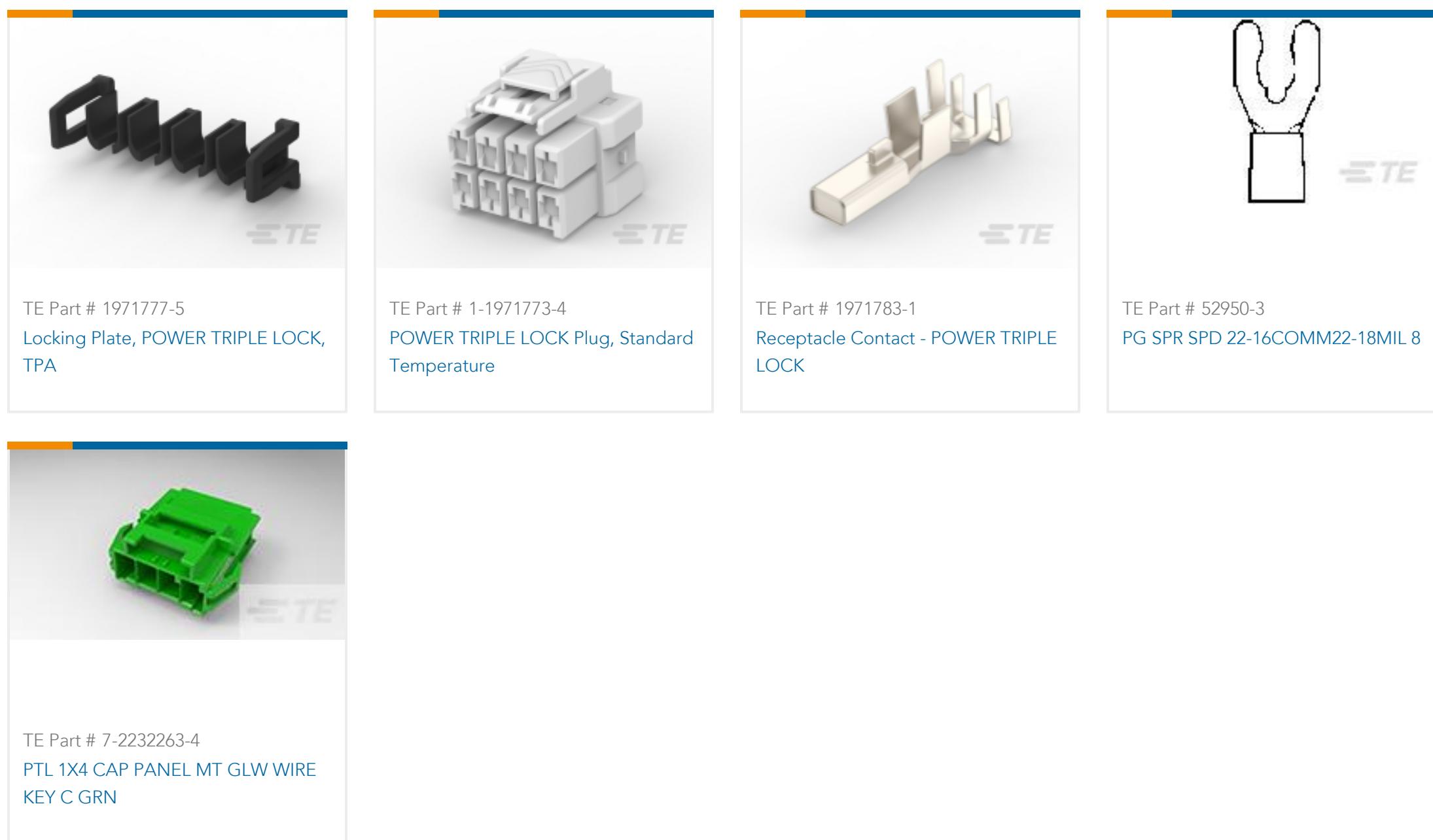
 TE Part # 1971778-5 PTL TPA HIGH TEMP 2x5 BLACK	 TE Part # CAT-P87074-R2435 Receptacle Contact - POWER TRIPLE LOCK	 TE Part # 1-1971775-5 PTL 2x5 CAP PANEL MT STD TEMP KEY A NAT	 TE Part # 1452426-1 EXTRACTION TOOL
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Also in the Series | Power Triple Lock



Customers Also Bought



Documents

Product Drawings

[PTL 2X5 PLUG HSG STD TEMP KEY A NAT](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model[ENG_CVM_CVM_1-1971776-5_E.2d_dxf.zip](#)

English

Customer View Model[ENG_CVM_CVM_1-1971776-5_E.3d_igs.zip](#)

English

Customer View Model[ENG_CVM_CVM_1-1971776-5_E.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

[9-1773465-1 Power Triple Lock QRG](#)

English

Product Specifications[Application Specification](#)

English