

PTL RECEPTACLE CONTACT, 2X18 AWG

✓ ACTIVE

Power Triple Lock

TE Part # 1971787-2

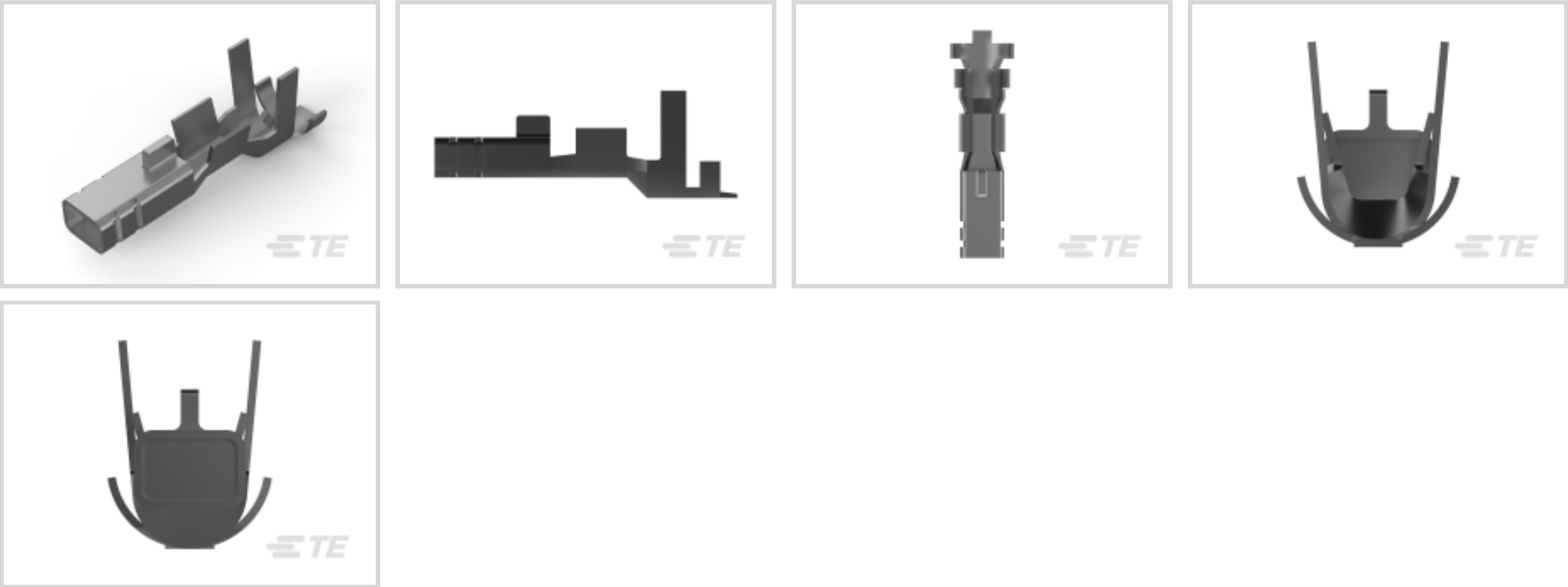
TE Internal #: 1971787-2

POWER TRIPLE LOCK REC CONTACT

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts > POWER TRIPLE LOCK REC CONTACT



Product Type: **Contact**
Operating Voltage: **600 VDC**
Connector System: **Wire-to-Wire**
Connector & Contact Terminates To: **Wire & Cable**

[All POWER TRIPLE LOCK REC CONTACT \(9\)](#)

Features

Product Type Features

Product Type	Contact
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Continuous Current Rating	16 A
Operating Voltage	600 VDC

Contact Features

Contact Current Rating (Max)	16 A
Contact Type	Receptacle, Socket
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Pre-Tin
Contact Termination Area Plating Material	Pre-Tin
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Angle	Straight



Termination Features

Termination Type	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
Contact Retention in Housing	Without
Wire Insulation Support	With

Dimensions

Accepts Wire Insulation Diameter Range	2.65 – 2.95 mm[.103 – .11 in]
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Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
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Operation/Application

Circuit Application	Power
For Multiple Crimp	No

Industry Standards

VDE Tested	Yes
Agency/Standard	UL, VDE

Packaging Features

Packaging Method	Reel
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Other

Wire/Cable Type	Discrete Wire
For Use With	Plug Housing
Comment	Complies with IEC 61984 Specification

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: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per



homogenous material. Also BFR/CFR/PVC Free

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



Applicators(4)



Insertion & Extraction Tools (1)



Portable Crimp Tools(3)

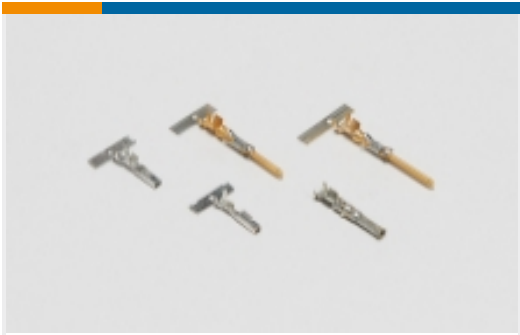


Rectangular Power Connectors(32)



Spare & Wear Tooling(1)

Also in the Series | [Power Triple Lock](#)



Power Contacts(20)



Rectangular Connector Locking(12)



Rectangular Power Connectors(296)

Customers Also Bought



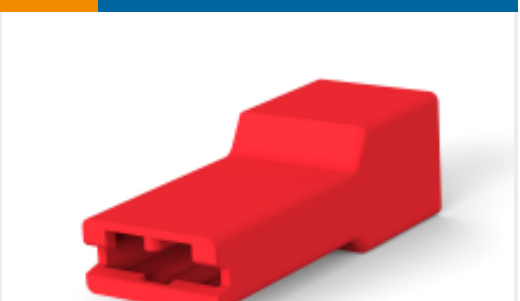
TE Part #794742-1
12P UMNL PLUG HSG
NATL



TE Part #521600-2
ULTRA-POD 187 ASY REC
22-18 AWG TPBR



TE Part #1241965-6
STD-TIMER GEH 6P



TE Part #171706-2
FASTON 250 INS POD
NYLON RED



TE Part #1863025-1
UNIVERSAL MNL 6-WAY
CAP



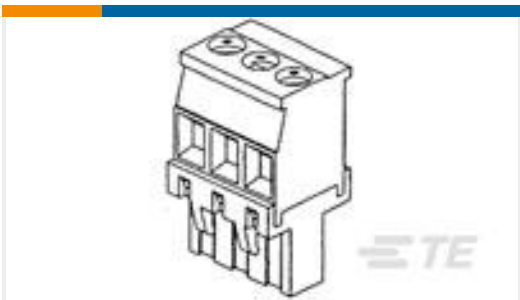
TE Part #1969371-2
HSG, RAST 5 POSITIVE
LOCK, 4P 2C



TE Part #2029369-1
06P UMNL-II REAR, TW-N-
LK-CAP



TE Part #2029442-1
06P UMNL-II TPA FOAM
SPACER



TE Part #284047-9
TERMI-BLOK VERTICAL
PLUG STACK

Documents

Product Drawings

PTL RECEPTACLE CONTACT, 2X18 AWG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1971787-2_F.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1971787-2_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1971787-2_F.3d_stp.zip](#)

English

Datasheets & Catalog Pages

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

English

[1-1773734-9 TE Power Triple Lock Quick Reference Guide - German](#)

German

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[VDE Certificate](#)

English