



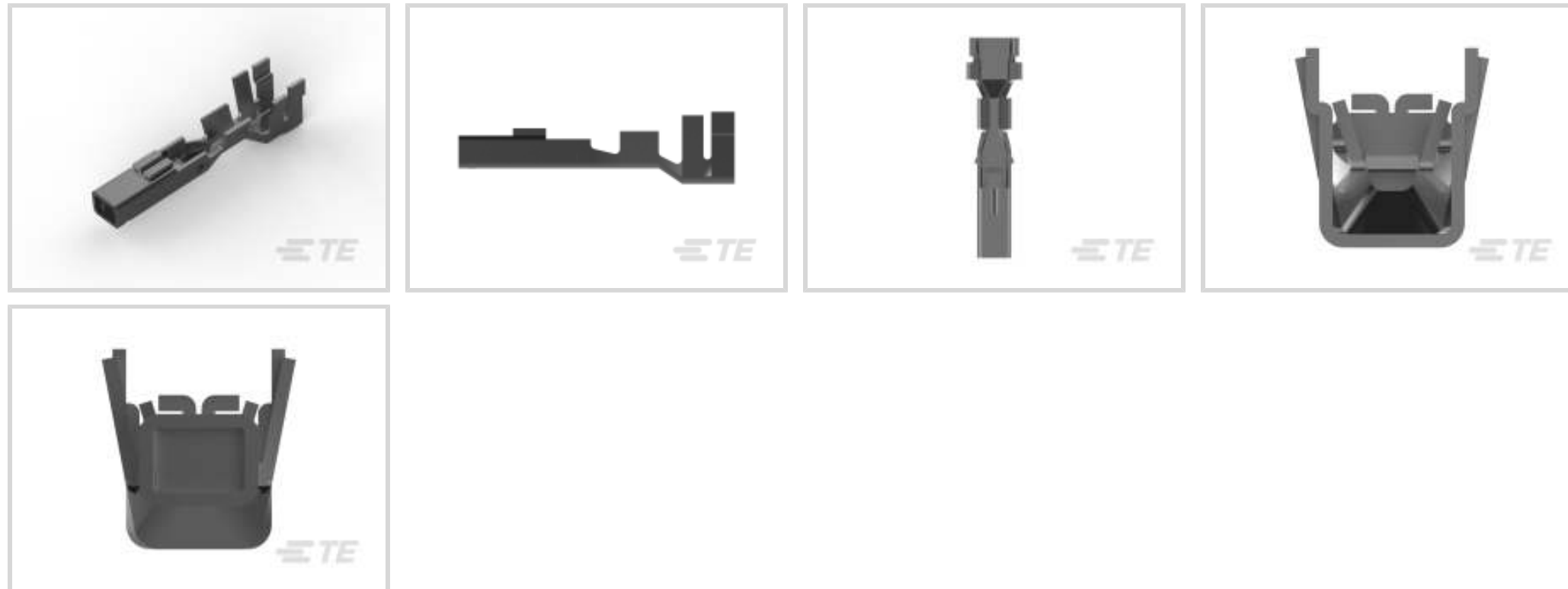
Power Double Lock

TE Internal #: 179592-1

Power Contacts, Contact, 50 VAC / 300 VAC, Tin, 26 – 22 AWG
 Wire Size, .14 – .34 mm² Wire Size, Wire & Cable, Crimp, Power,
 Power Double Lock

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **50 VAC, 300 VAC**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.14 – .34 mm²**

Features

Product Type Features

| | |
|------------------------------------|--------------|
| Compatible With Discrete Wire Type | Stranded |
| Power Contact Type | Contact |
| Connector & Contact Terminates To | Wire & Cable |

Electrical Characteristics

| | |
|-------------------|-----------------|
| Operating Voltage | 50 VAC, 300 VAC |
|-------------------|-----------------|

Contact Features

| | |
|---|------------------|
| Contact Mating Area Plating Material | Tin |
| Contact Current Rating (Max) | 14 A |
| Contact Type | Receptacle |
| Contact Retention Within Housing | With |
| Mating Tab Width | 1.5 mm[.06 in] |
| Mating Tab Thickness | .5 mm[.02 in] |
| Contact Base Material | Copper Alloy |
| Contact Mating Area Plating Material Thickness | .8 μm[31.49 μin] |
| Wire Contact Termination Area Plating Thickness | .8 μm[31.49 μin] |



| | |
|---|----------|
| Wire Contact Termination Area Plating Material | Pre-Tin |
| Wire Contact Termination Area Plating Material Finish | Matte |
| Contact Orientation | Straight |

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

| | |
|---------------------------------------|---------------|
| Contact Retention Type Within Housing | Locking Lance |
| Wire Insulation Support | With |

Dimensions

| | |
|--------------------------------------|-----------------------------|
| Wire Size | .14 – .34 mm ² |
| Compatible Insulation Diameter Range | 1.3 – 2 mm [.051 – .079 in] |

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -30 – 105 °C [-22 – 221 °F] |
|-----------------------------|-----------------------------|

Operation/Application

| | |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 1000 |
| Packaging Method | Bag |

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| 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 # CAT-P87024-P729
STD Temp Power Double Lock Plug



TE Part # 917354-1
AMP POWER D/LOCK PLUG HDR 12P




TE Part # 91567-1
CCII POWER DBL LOCK S REC TAB 26-22 ASSY




TE Part # 234912-1
EXT TOOL FOR POWER DBL LOK REC

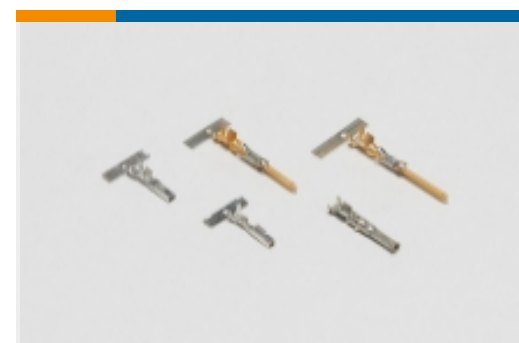
Also in the Series | Power Double Lock




Connector Contacts(1)



Insertion & Extraction Tools(2)



Power Contacts(23)

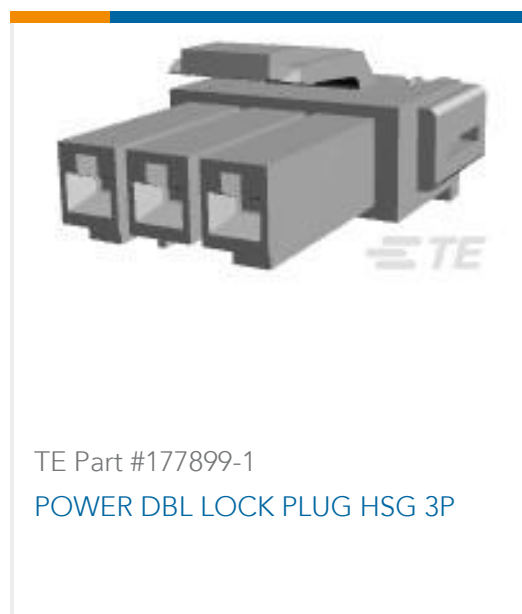


Rectangular Connector Locking(14)



Rectangular Power Connectors(284)

Customers Also Bought



TE Part #177899-1
POWER DBL LOCK PLUG HSG 3P



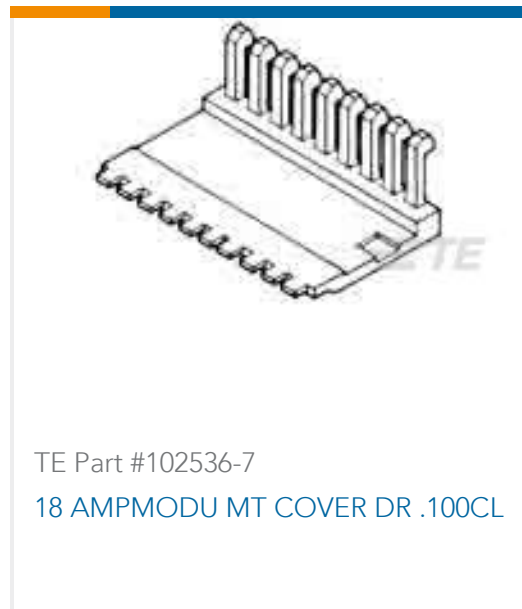
TE Part #1744416-7
7 POS EP II HSG, GLOW WIRE



TE Part #86492-6
MOD IV RECP PLTD 30 SEL



TE Part #179593-1
AMP POWER D/LOCK RECCONT. L/P



TE Part #102536-7
18 AMPMODU MT COVER DR .100CL



TE Part #2344656-4
WLAN DUAL BAND ANTENNA FPC V
200mm



TE Part #1217113-2
187 PL MKIII REC. 22-18AWG TPBR



TE Part #170330-1
PL MKII 187 REC 24-20AWG PTBR LP

Documents

Product Drawings

[AMP POWER D/LOCK REC CONT. L/P](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_179592-1_O.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_179592-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_179592-1_O.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

English

[1773458-5_POWER_DBL_LOCK_\(PDL\)_CONNECTORS](#)

English

Product Specifications

[Application Specification](#)

English



Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese

Agency Approvals

UL Report

English