

1-179466-5 ✓ ACTIVE

Power Double Lock

TE Internal #: 1-179466-5

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire,
6 Position, 3.96 mm [.156 in] Centerline, Wire & Cable, UL 94V-0,
Power Double Lock

[View on TE.com >](#)



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **6**

Centerline (Pitch): **3.96 mm [.156 in]**

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
Number of Power Positions	0
Number of Signal Positions	0
Number of Rows	2

Electrical Characteristics

Operating Voltage	300 VAC
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Contact Features

Contact Layout

Matrix

Contact Retention Within Housing

Without

Contact Type

Tab

Termination Features

Termination Method to Wire & Cable

Crimp

Mechanical Attachment

Connector Mounting Type

Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)

3.96 mm [.156 in]

Housing Color

Black

Housing Material

Nylon

Dimensions

Connector Height

13.2 mm

Product Width

13.9 mm

26.1 in

Row-to-Row Spacing

4.6 mm [.181 in]

Usage Conditions

Operating Temperature Range

-30 – 105 °C [-22 – 221 °F]

Operation/Application

Circuit Application

Power & Signal

Industry Standards

Agency/Standard

UL

Approved Standards

UL 1977

UL Flammability Rating

UL 94V-0

Glow Wire Rating

Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity

150

Packaging Method

Bag

Product ComplianceFor 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 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 reviewed for solder process capability

Product Compliance Disclaimer

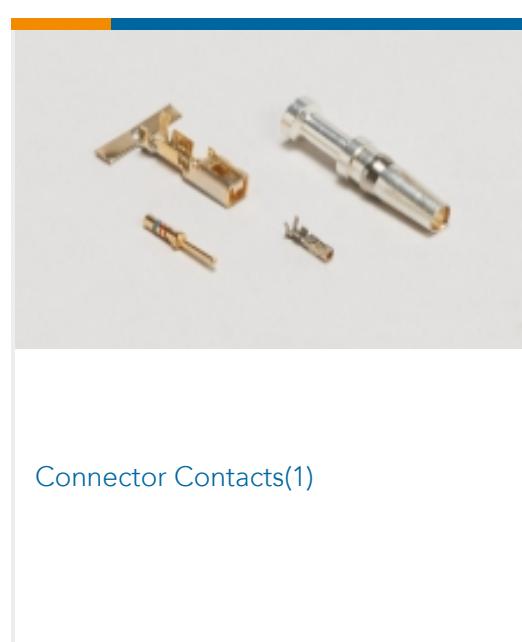
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

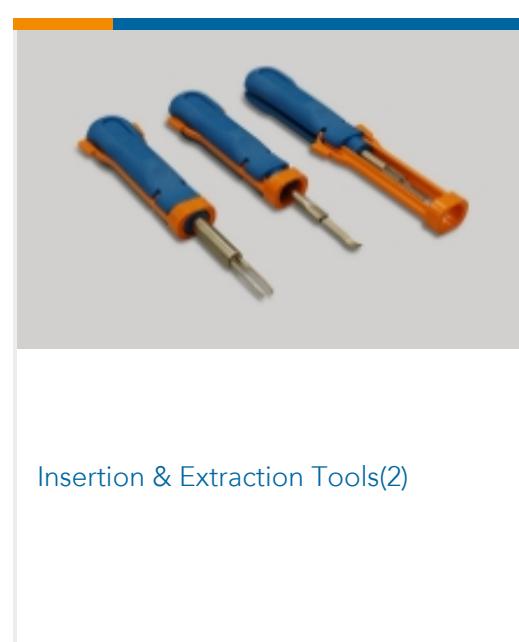
			
TE Part # 177901-1 POWER DBL LOCK PLUG HSG 6P	TE Part # CAT-P87024-R2435 Power Double Lock Receptacle	TE Part # CAT-P87024-T111 Power Double Lock Tab	TE Part # 177915-9 POWER DBL LOCK REC CONT

	
TE Part # 2238096-1 AMP POWER DBL LOCK CONN, REC. CONTACT	TE Part # 1939345-1 AMP PDL CONN. TAB CON'T (W-CRI)

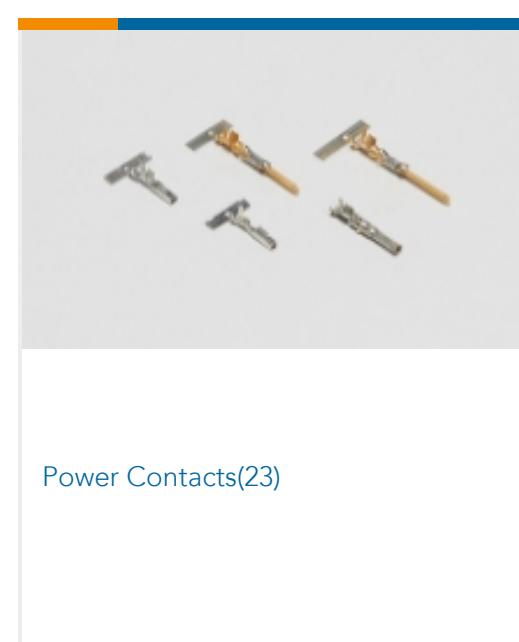
Also in the Series | Power Double Lock



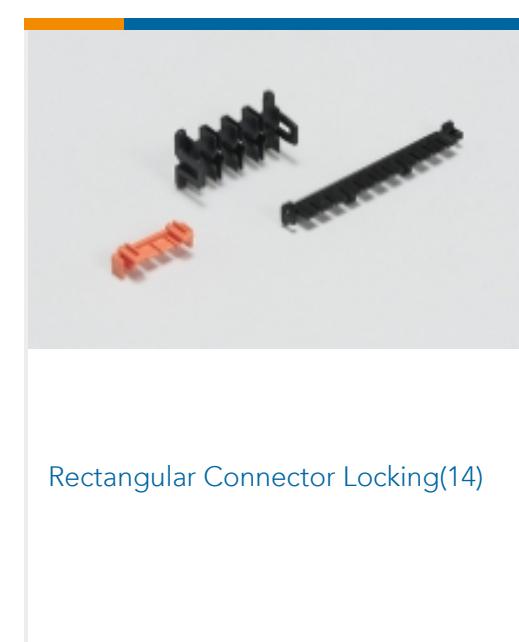
Connector Contacts(1)



Insertion & Extraction Tools(2)



Power Contacts(23)

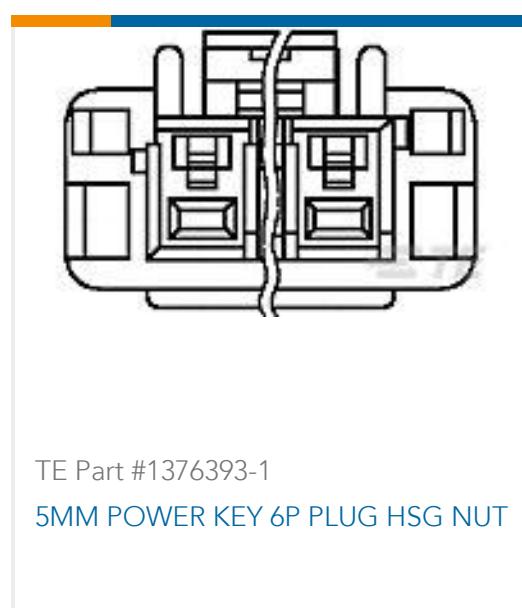


Rectangular Connector Locking(14)



Rectangular Power Connectors(284)

Customers Also Bought

TE Part #1376393-1
5MM POWER KEY 6P PLUG HSG NUTTE Part #61086-1
.156 MNL PIN 20-14 PTPBRTE Part #62591-1
187 FASTON FLAG REC 20-16 AWG
TPBRTE Part #63482-1
RING 18-14 AWG TPSTLTE Part #42722-1
RING TONGUE 12-10 AWG BRTE Part #42800-1
187 FASTON REC 20-16 AWG BRTE Part #2238171-3
250 FASTON,FLAG,REC.,22-12 AWG,
TPBRTE Part #1971788-2
PTL TAB CONTACT, 2X18 AWGTE Part #1217039-1
TIMER CONNECTOR GEN 3 18-14
POST-TPBR

Documents

Product Drawings**AMP POWER DBL LOCK CAP HSG 6P Black**

English

CAD Files**3D PDF**

3D

Customer View Model

[ENG_CVM_CVM_1-179466-5_P.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-179466-5_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-179466-5_P.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

Agency Approvals**CSA Certificate**

English