

Power Double Lock

TE Internal #: 177911-4

Housing, Cap, Crimp, Wire-to-Wire, UL 94V-0, 9 Position, Power Double Lock, Rectangular Wire & Cable Connectors & Housings

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors > STD Temp Power Double Lock Cap



Connector Product Type: **Housing**
Connector & Housing Type: **Cap**
Termination Method to Wire & Cable: **Crimp**
Connector System: **Wire-to-Wire**
Contact Retention Within Housing: **Without**

[All STD Temp Power Double Lock Cap \(33\)](#)

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Cap
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Power Positions	9
Number of Signal Positions	0
Number of Positions	9
Number of Rows	3

Electrical Characteristics

Operating Voltage	300 VAC
-------------------	---------

Body Features



Primary Product Color	Yellow
-----------------------	--------

Contact Features

Contact Type	Tab
Contact Retention Within Housing	Without

Termination Features

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

Mechanical Attachment

Connector Mounting Type	Panel Mount
-------------------------	-------------

Housing Features

Housing Material	Nylon 6/6
Centerline (Pitch)	3.96 mm[.156 in]

Dimensions

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
---------------------	-------

Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Bag
Packaging Quantity	100

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 2025 (247)



Candidate List Declared Against: JAN 2025 (247)
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

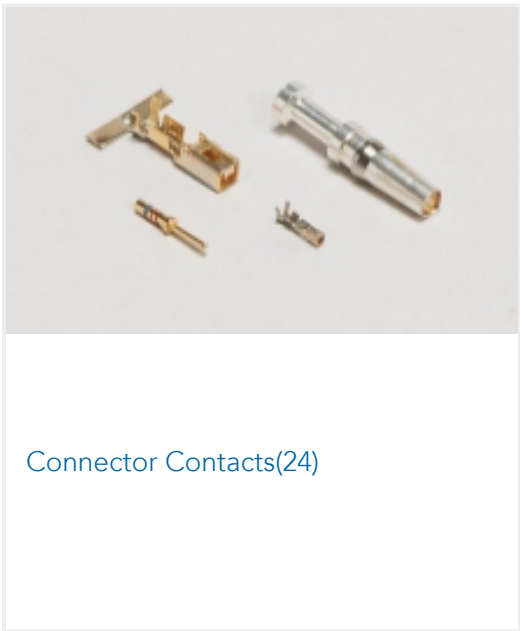


TE Part # 177903-4
POWER DBL LOCK PLUG HSG 9P



TE Part # CAT-P87024-T111
Power Double Lock Tab

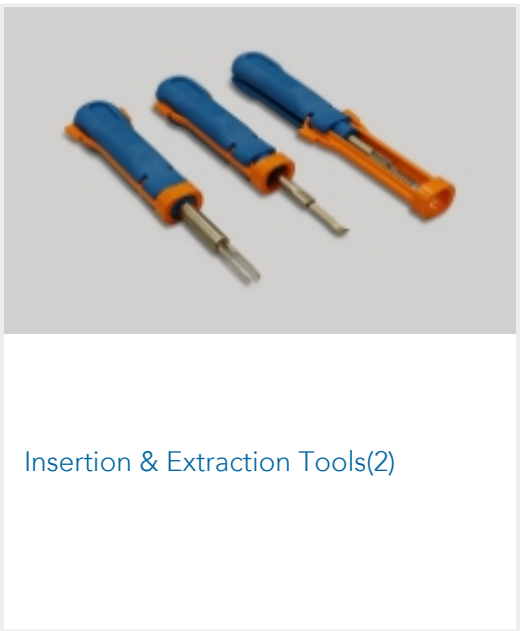
Also in the Series | Power Double Lock



Connector Contacts(24)



Connector Hardware(14)



Insertion & Extraction Tools(2)



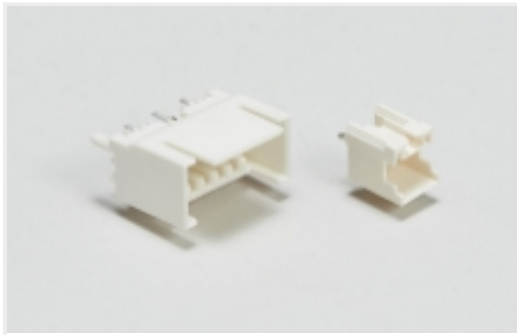
PCB Headers & Receptacles(43)



Power Contacts(24)



Rectangular Power Connectors(283)



Wire-to-Board Headers & Receptacles (43)

Customers Also Bought



TE Part #52930
PIDG SP SPD 22-16COMM22-18MIL8



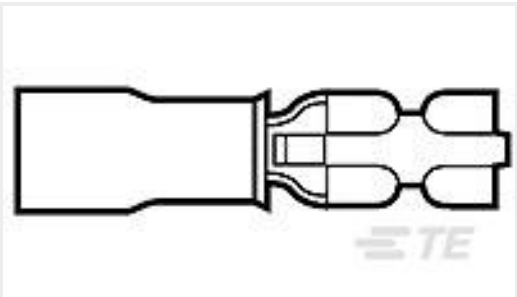
TE Part #5-2232516-1
SCSI .050 REC ASS'Y 50P PB-FREE



TE Part #60775-1
SPADE TERMINAL 18-14 AWG BR



TE Part #3-2232516-1
SCSI .050 REC ASS'Y 26P PB-FREE



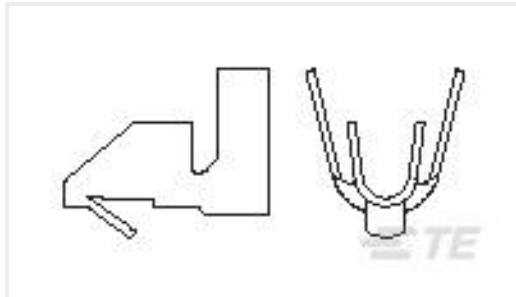
TE Part #640922-1
RECEPT,PIDG FASTON 22-18 110



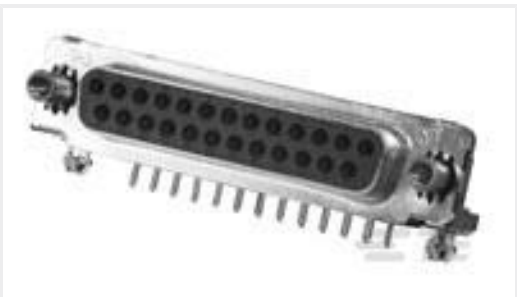
TE Part #41332-1
RING TERMINAL 18-14 AWG NPST



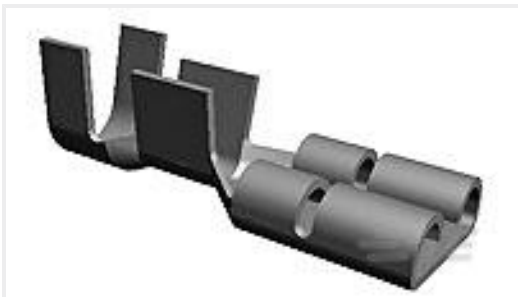
TE Part #794099-1
03P UMNL FAN MTR CONN MATE HSG



TE Part #3-770565-1
MINI AMP-IN 22-18 AWG SN/BRASS LF



TE Part #5747846-5
25 MSFL RCPT RA 318 (SL,FM,BL)



TE Part #63609-1
250 FASTON REC 22-18 AWG BR

Documents

Product Drawings

POWER DBL LOCK CAP HSG P/M 9P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_177911-4_U.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_177911-4_U.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_177911-4_U.3d_stp.zip](#)

English

3D PDF

English

Customer View Model

[ENG_CVM_177911-4_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_177911-4_C.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_177911-4_C.2d_dxf.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

Instruction Sheets

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

English

[AMP POWER DOUBLELOCK CONNECTOR SERIES](#)

English

Agency Approvals

[CSA Certificate](#)

English