

POWER DBL LOCK CAP HSG P/M 2P

✓ ACTIVE

Power Double Lock

TE Part # 177906-4

TE Internal #: 177906-4

[View on TE.com >](#)



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Product Type: **Connector**

Housing Type: **Cap**

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

Number of Positions: **2**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Power Positions	2
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

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

Contact Features

Contact Retention	Without
-------------------	---------

Termination Features

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

Mechanical Attachment

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



Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
UL Flammability Rating	UL 94V-0
Housing Color	Yellow
Housing Material	Nylon 6/6

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

Packaging Features

Packaging Method	Bag
Packaging Quantity	500

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: JUL 2017 (174)
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 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

TE Part # 177917-1 AMP POWER DBL LOCK TAB (L)	TE Part # 179595-1 AMP POWER D/LOCK TAB CONT. L/P	TE Part # 179594-1 AMP POWER D/LOCK TAB CONT. L/P	TE Part # 2005249-4 PDL 2P CAP 3.96 P/M (GWT) YEL
TE Part # 177916-1 AMP POWER DBL LOCK TAB (S)	TE Part # 177898-4 POWER DBL LOCK PLUG HSG 2P		

Also in the Series | Power Double Lock

Connector Contacts(1)	Power Contacts(18)	Rectangular Connector Locking(14)	Rectangular Power Connectors(279)
------------------------------	---------------------------	--	--

Customers Also Bought

TE Part #42025-4 FASTON 250 TERMINAL REC 18-16 AWG TPBR	TE Part #172074-4 POSITIVE LOCK 187 HOUSING RECEPTACLE	TE Part #172074-6 POSIT.LOCK HSG.01P	TE Part #172320-3 POSITIVE LOCK 1P
--	---	---	---

POWER DBL LOCK CAP HSG P/M 2P

TE Part # 177906-4
TE Internal #: 177906-4



TE Part #177903-6
POWER DBL LOCK PLUG
HSG 9P

TE Part #177906-6
POWER DBL LOCK CAP
HSG P/M 2P

TE Part #177906-9
DBL LOCK CAP P/M 2P
BLACK

TE Part #911776-1
TOOL HAND

Documents

Product Drawings

POWER DBL LOCK CAP HSG P/M 2P

English

CAD Files

Customer View Model

ENG_CVM_177906-4_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_177906-4_C.3d_igs.zip

English

Customer View Model

ENG_CVM_177906-4_C.3d_stp.zip

English

3D PDF

English

Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

1773458-5_POWER_DBL_LOCK_(PDL)_CONNECTORS

English

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

AMP POWER DOUBLELOCK CONNECTOR SERIES

English

Agency Approvals

UL Report

English

POWER DBL LOCK CAP HSG P/M 2P

TE Part # 177906-4
TE Internal #: 177906-4

