POWER DBL LOCK CAP HSG P/M 2P V 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 Features	
Product Type	Connector
Housing Type	Сар
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	

Crimp

Panel

Termination Method to Wire & Cable

Mechanical Attachment

Connector Mounting Type

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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

500

Product Compliance

Packaging Quantity

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

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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

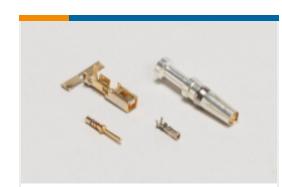


TE Part # 177916-1
AMP POWER DBL LOCK
TAB (S)



Also in the Series | Power Double Lock

HSG 2P



Connector Contacts(1)



Power Contacts(18)

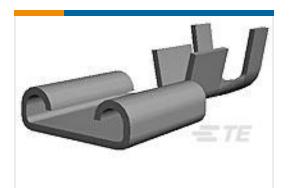


Rectangular Connector Locking(14)

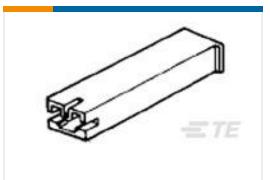


Rectangular Power Connectors(279)

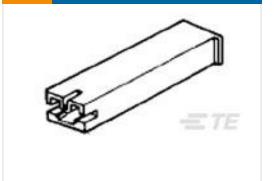
Customers Also Bought



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 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



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

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