

Power Double Lock

TE Internal #: 5-177909-1

Housing, Cap, Crimp, Wire-to-Wire, UL 94V-0, 6 Position, Power Double Lock, Rectangular Wire & Cable Connectors & Housings

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors



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

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

Electrical Characteristics

Operating Voltage	300 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Type	Tab
Contact Retention Within Housing	Without

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Panel Mount
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Housing Features

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

Dimensions

Row-to-Row Spacing	4.6 mm[.181 in]
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Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Glow Wire Rating	GWT 750°C (Without Flame)
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	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 177919-1
POWER DBL LOCK PLATE 3P




TE Part # CAT-P87024-R2435
Power Double Lock Receptacle

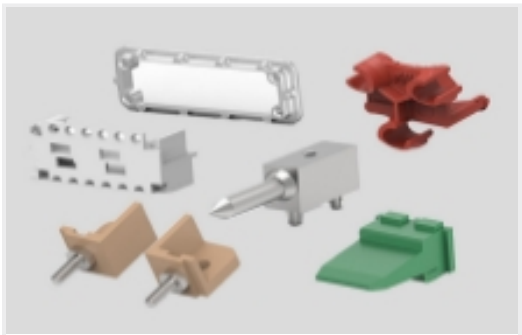


TE Part # CAT-P87024-T111
Power Double Lock Tab


Also in the Series | Power Double Lock



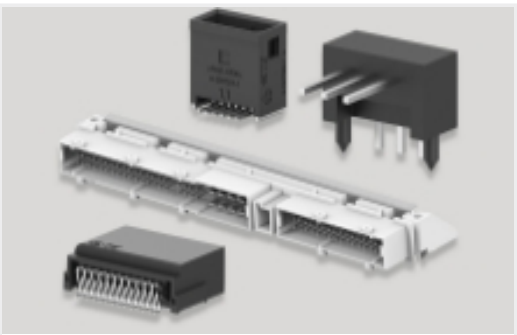
Connector Contacts(24)




Connector Hardware(14)




Insertion & Extraction Tools(2)



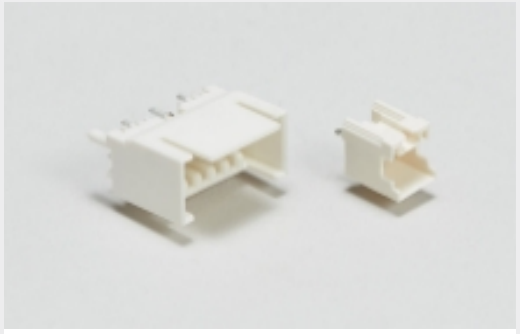
PCB Headers & Receptacles(43)



Power Contacts(24)



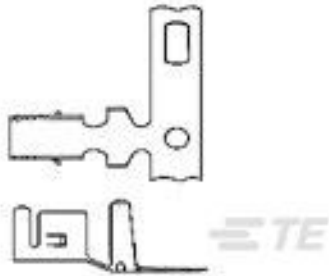
Rectangular Power Connectors(283)




Wire-to-Board Headers & Receptacles (43)




Customers Also Bought



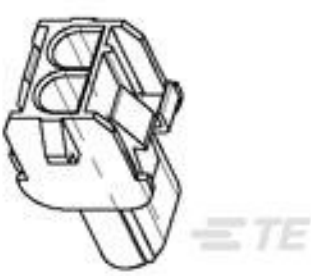
TE Part #3-770060-1
MINI AMP-IN PTLP/PHBZ




TE Part #1-1863003-2
UMN 9WAY PLUG HOUSING




TE Part #926887-1
UNIV.M-N-L.PIN



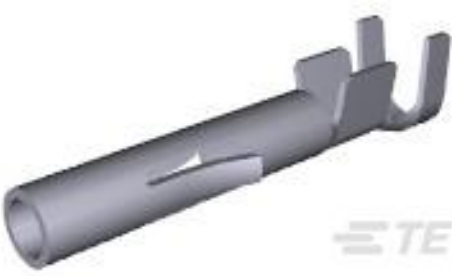
TE Part #1703062-1
CAP, 2 CIRCUIT , UNIVERSAL MATE-N-LOK




TE Part #163300-6
MATENLOK SOCKET TP



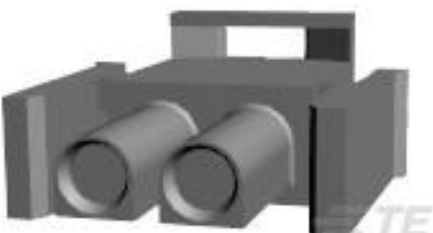
TE Part #177916-1
AMP POWER DBL LOCK TAB (S)




TE Part #350536-1
UMN SOK 20-14 .0126 PTPBR



TE Part #926882-1
UMN SOK 20-14 PTPBR



TE Part #1586851-1
02P UMN PLUG HSG, GW



TE Part #350687-1
UMN SPLIT PIN PTPBR

Documents

Product Drawings

POWER DBL LOCK CAP HSG P/M 6P(GWT)

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-177909-1_T.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-177909-1_T.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-177909-1_T.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

Instruction Sheets

Instruction Sheet (non U.S.)

English

AMP POWER DOUBLELOCK CONNECTOR SERIES

English

Agency Approvals

CSA Certificate

English