

177920-1 ✓ ACTIVE

## Power Double Lock

TE Internal #: 177920-1

Double Lock Plate, Natural, Glass-Filled Nylon 66, 4 Position, Power Double Lock

[View on TE.com >](#)



Connectors > Connector Accessories > Connector Hardware > Power Double Lock TPA



Hardware Accessory Function: **Latching, Locking & Retention**

Connector Hardware Accessory Type: **Double Lock Plate**

Primary Product Color: **Natural**

Primary Product Material: **Glass-Filled Nylon 66**

Number of Positions: **4**

[All Power Double Lock TPA \(6\)](#)

## Features

### Product Type Features

Hardware Accessory Function	Latching, Locking & Retention
Connector Hardware Accessory Type	Double Lock Plate

### Configuration Features

Number of Positions	4
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### Body Features

Primary Product Color	Natural
Primary Product Material	Glass-Filled Nylon 66

### Dimensions

Product Length	20.1 mm
Product Height	4.46 mm

### Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]



### Industry Standards

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

### Packaging Features

Packaging Method	Bag/Box
Packaging Quantity	1000

### 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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 177902-3  
POWER DBL LOCK CONN PLUG 8P



TE Part # 1-368587-2  
PDL 4P CAP 3.96 D/R F/H(GWT) R



TE Part # 5-179467-1  
AMP POWER DBL LOCK CAP HSG 8P (GWT)



TE Part # 5-1903720-1  
PDL 3.96MM PITCH CAP HSG 12P NAT (GWT)



TE Part # CAT-P87024-P729A  
Glow Wire Power Double Lock Plug



TE Part # 1-368587-6  
PDL 4P CAP 3.96 D/R F/H(GWT) B



TE Part # CAT-P87024-P729  
STD Temp Power Double Lock Plug



TE Part # CAT-P87024-C1701  
STD Temp Power Double Lock Cap



TE Part # 2005255-6  
PDL 12P PLUG 3.96 T/R(GWT) BLU



TE Part # 2005255-4  
PDL 12P PLUG 3.96 T/R(GWT) YEL



TE Part # 1903720-1  
PDL 3.96MM PITCH CAP HSG 12P(F)



TE Part # 1-368587-4  
PDL 4P CAP 3.96 D/R F/H(GWT) Y



TE Part # 3-177899-6  
POWER DBL LOCK PLUG HSG 3P

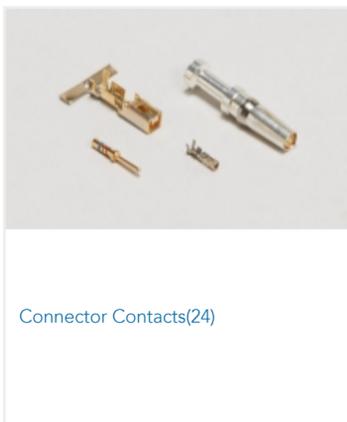


TE Part # 2005251-6  
PDL 4P PLUG 3.96 S/R(GWT) BLU



TE Part # 2005251-4  
PDL 4P PLUG 3.96 S/R(GWT) YEL

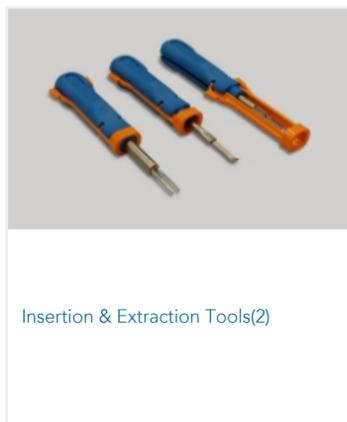
Also in the Series | **Power Double Lock**



Connector Contacts(24)



Connector Hardware(13)



Insertion & Extraction Tools(2)



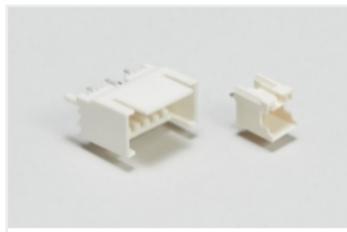
PCB Headers & Receptacles(43)



Power Contacts(24)



Rectangular Power Connectors(275)



Wire-to-Board Headers & Receptacles (43)

## Customers Also Bought



TE Part #NB14664001  
VERSAFIT-3X-1-0-SP



TE Part #176284-9  
AMP UNIVERSAL POWER CAP 4P



TE Part #CAT-P87024-P729  
STD Temp Power Double Lock Plug



TE Part #177915-2  
AMP POWER DBL LOCK REC



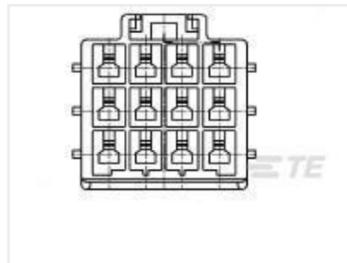
TE Part #177916-1  
AMP POWER DBL LOCK TAB (S)



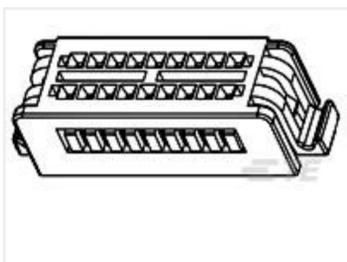
TE Part #794242-1  
04P MINI UMN2 CAP HSG UL94V2



TE Part #917703-1  
2.5 SIGNAL D/LOCK D.L.P 7P



TE Part #1903720-1  
PDL 3.96MM PITCH CAP HSG 12P(F)



TE Part #2108504-1  
2.5 SDL 18P PLUG HSG 2ROW

## Documents

### Product Drawings

[POWER DBL LOCK PLATE 3.96MM 4POS](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_177920-1\\_D.3d\\_stp.zip](#)

English

Customer View Model



[ENG\\_CVM\\_CVM\\_177920-1\\_D.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_177920-1\\_D.3d\\_igs.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

[SOFT\\_SHELL\\_PIN\\_AND\\_SOCKET\\_CONNECTORS\\_CATALOG](#)

English

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### Product Specifications

[Engineering Report](#)

English

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### Instruction Sheets

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

English

[AMP POWER DOUBLELOCK CONNECTOR SERIES](#)

English

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### Agency Approvals

[CSA Certificate](#)

English