

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

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

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag/Box

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # CAT-P87024-P729
STD Temp Power Double Lock Plug



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




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




TE Part # CAT-P87024-C1701A
Glow Wire Power Double Lock Cap




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




TE Part # 177902-3
POWER DBL LOCK CONN PLUG 8P




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




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



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




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



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


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



Connector Contacts(24)



Connector Hardware(14)



Insertion & Extraction Tools(2)



Rectangular Power Connectors(283)

Customers Also Bought



TE Part #177905-1
STD Temp Power Double Lock Plug



TE Part #177911-1
POWER DBL LOCK CAP HSG P/M 9P



TE Part #917690-1
2.5 SIGNAL D/LOCK PLUG HSG 6P



TE Part #917702-1
2.5 SIGNAL D/LOCK D.L.P 6P



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.

Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

1773458-5_POWER_DBL_LOCK_(PDL)_CONNECTORS

English

Product Specifications

Engineering Report

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

AMP POWER DOUBLELOCK CONNECTOR SERIES

English

Agency Approvals

CSA Certificate



English