

Power Double Lock

TE Internal #: 177918-1

Double Lock Plate, Natural, Glass-Filled PBT, 2 Position, Power Double Lock

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



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

Primary Product Color: **Natural**

Primary Product Material: **Glass-Filled PBT**

Number of Positions: **2**

Operating Temperature (Max): **105 °C [221 °F]**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	2
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Body Features

Primary Product Color	Natural
Primary Product Material	Glass-Filled PBT

Dimensions

Product Length	12.1 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>

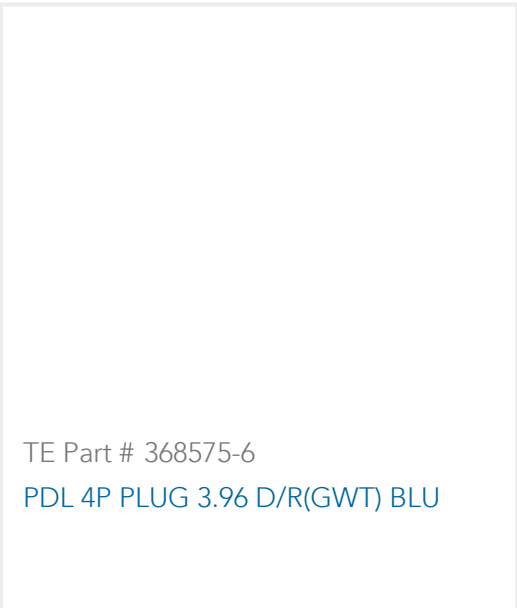
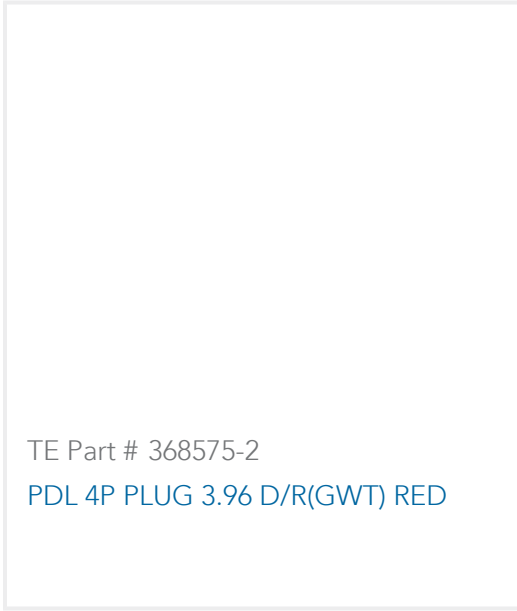
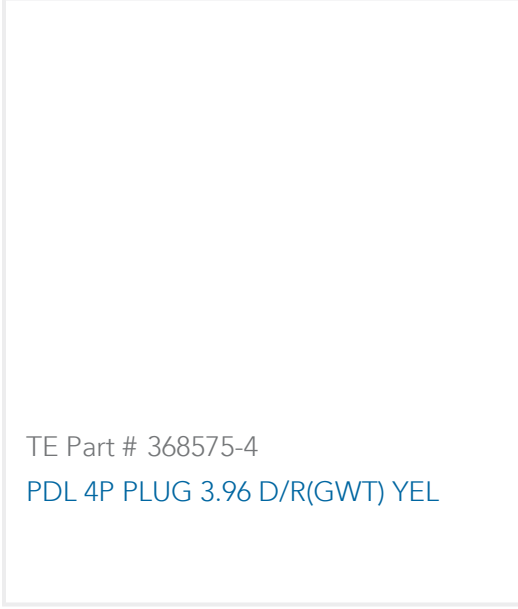
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

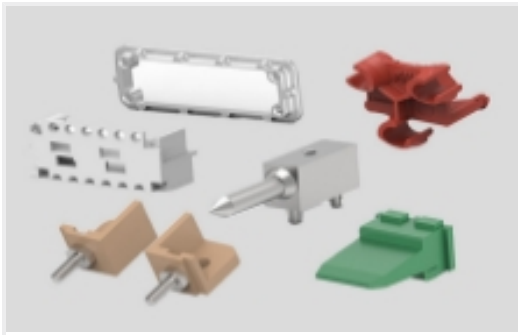
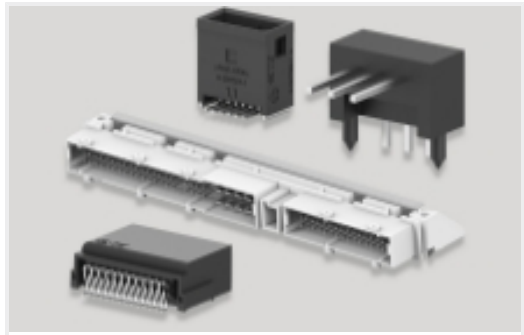
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 368575-6 PDL 4P PLUG 3.96 D/R(GWT) BLU	 TE Part # 2005253-6 PDL 6P CAP 3.96 D/R F/H(GWT) B	 TE Part # 2005248-4 PDL 2P CAP 3.96 F/H(GWT) YEL	 TE Part # 2005248-9 PDL 2P CAP 3.96 F/H (GWT) BLK
 TE Part # CAT-P87024-P729A Glow Wire Power Double Lock Plug	 TE Part # 5-179465-1 AMP POWER DBL LOCK CAP HSG 4P (GWT)	 TE Part # 368575-2 PDL 4P PLUG 3.96 D/R(GWT) RED	 TE Part # 2005248-6 PDL 2P CAP 3.96 F/H(GWT) BLU
 TE Part # 2005249-9 PDL 2P CAP 3.96 P/M(GWT) BLK	 TE Part # 368575-4 PDL 4P PLUG 3.96 D/R(GWT) YEL	 TE Part # 2005253-4 PDL 6P CAP 3.96 D/R F/H(GWT) Y	 TE Part # 5-177908-1 POWER DBL LOCK CAP HSG P/M 4P (GWT)
 TE Part # 5-179463-1 POWER DBL LOCK CAP HSG F/H 2P (GWT)	 TE Part # 5-177906-1 POWER DBL LOCK CAP HSG P/M 2P (GWT)	 TE Part # 368590-1 PDL 2P DBL PLATE 3.96(GWT) NAT	

Also in the Series | Power Double Lock

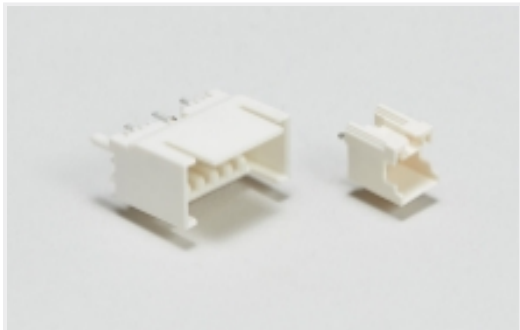
 Connector Contacts(24)	 Connector Hardware(14)	 Insertion & Extraction Tools(2)	 PCB Headers & Receptacles(43)
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Power Contacts(24)



Rectangular Power Connectors(283)



Wire-to-Board Headers & Receptacles (43)

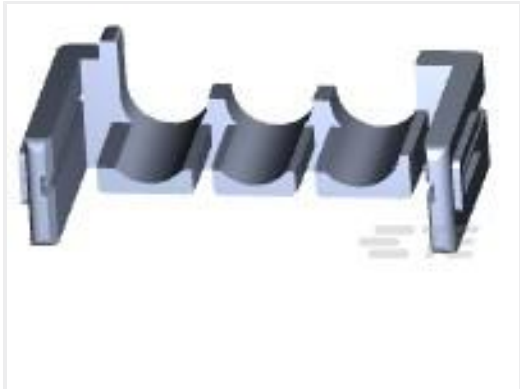
Customers Also Bought



TE Part #5-177898-1
POWER DBL LOCK PLUG HSG 2P (GWT)



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



TE Part #177919-1
POWER DBL LOCK PLATE 3P



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



TE Part #179465-1
AMP POWER DBL LOCK CAP HSG 4P



TE Part #177900-1
POWER DBL LOCK PLUG HSG 4P



TE Part #179463-1
POWER DBL LOCK CAP HSG F/H 2P



TE Part #3-2005820-9
CLUSTER BLOCK 3P SLIM HSG(GWT)

Documents

Product Drawings

POWER DBL LOCK PLATE 2P

English

CAD Files

Customer View Model

ENG_CVM_CVM_177918-1_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_177918-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_177918-1_E.3d_stp.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