



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             |

Body Features

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

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 4 |
|---------------------|---|

Usage Conditions

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

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |



Dimensions

|                |         |
|----------------|---------|
| Product Length | 20.1 mm |
| Product Height | 4.46 mm |

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>

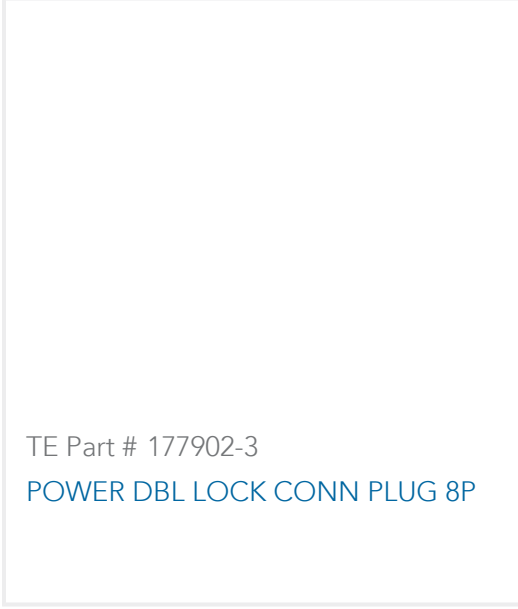
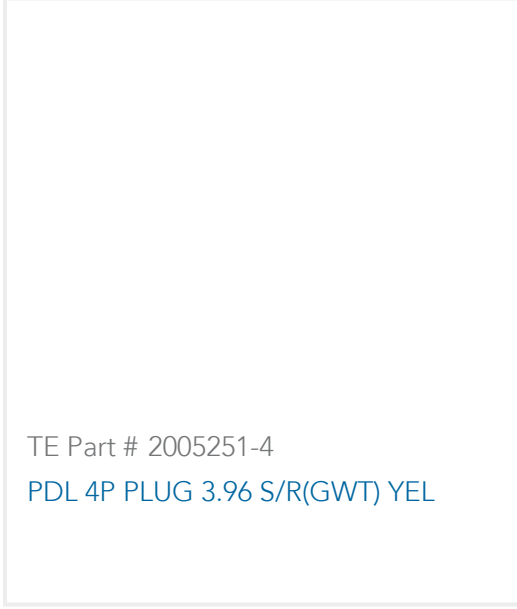
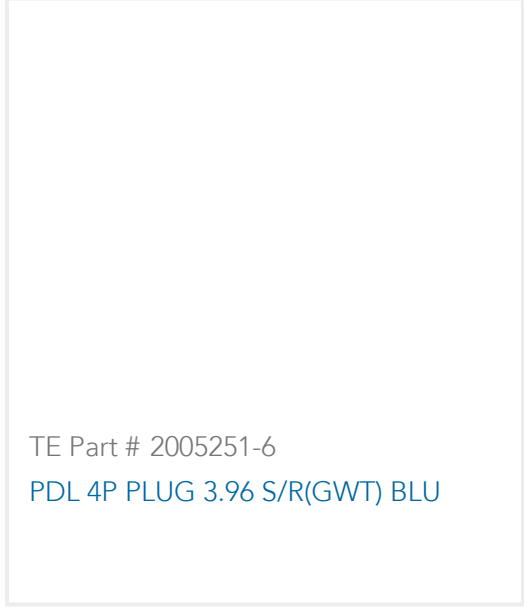
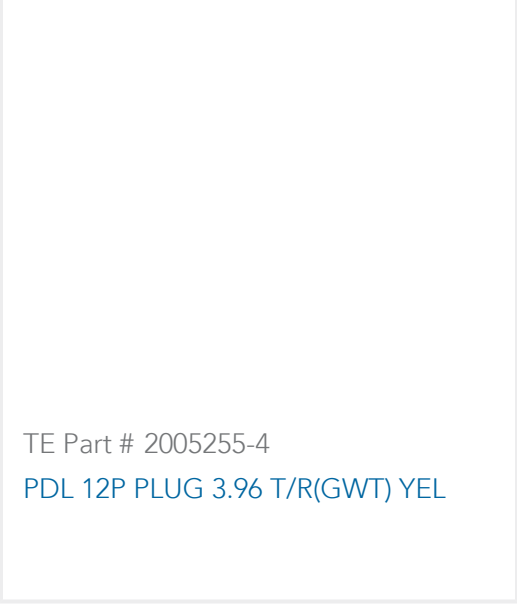
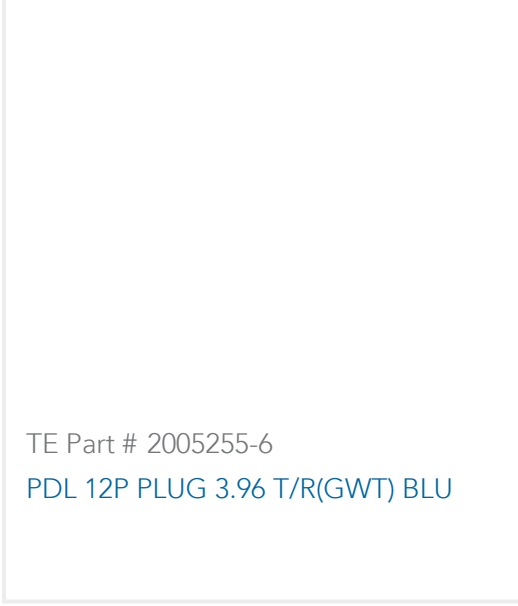
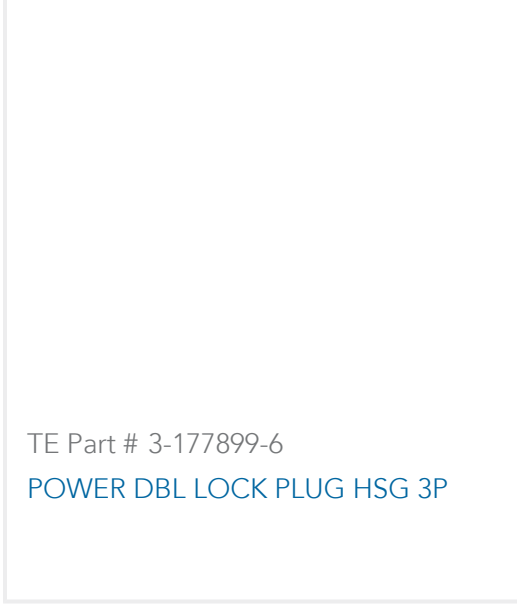
|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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

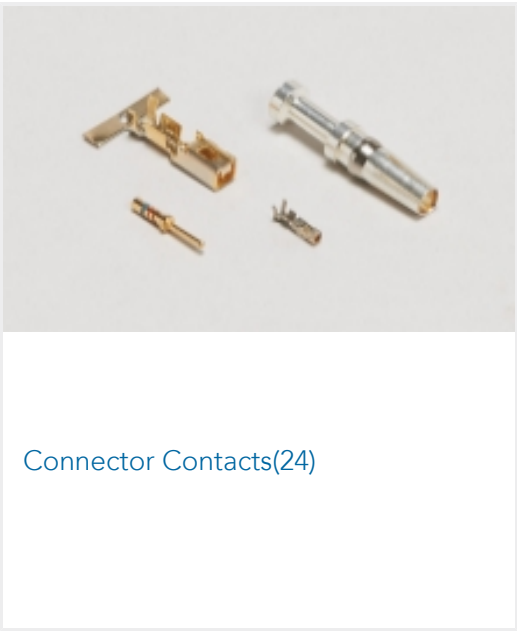
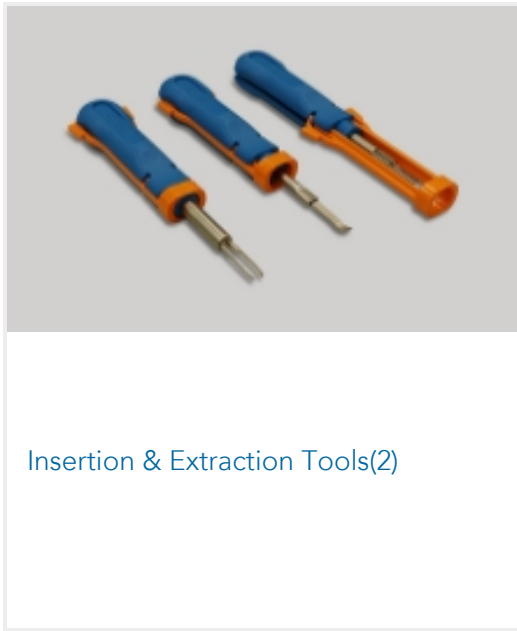
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



|                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|    |    |    |    |
|   |   |   |   |
|  |  |  |  |
|  |  |  |                                                                                       |

Also in the Series | Power Double Lock

|                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|



Rectangular Power Connectors(240)

Customers Also Bought



TE Part #177909-1  
POWER DBL LOCK CAP HSG P/M 6P



TE Part #917690-1  
STD Temp Signal Double Lock Plug



TE Part #917702-1  
Signal Double Lock TPA



TE Part #177918-1  
POWER DBL LOCK PLATE 2P



TE Part #179592-2  
POWER D/LOCK REC CONT. H/P L/P



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



TE Part #177905-1  
POWER DBL LOCK PLUG HSG 12P

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