



Power Double Lock

TE Internal #: 177908-6
4 Position, Cap, Housing, Crimp, Wire-to-Panel / Wire-to-Wire, UL 94V-0, 3.96 mm [.156 in] Centerline, 2 Row, 300 VAC, Wire & Cable, Power Double Lock

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Connectors > Rectangular Connectors > Standard Rectangular Connectors > STD Temp Power Double Lock Cap



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

[All STD Temp Power Double Lock Cap \(33\)](#)

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Connector Product Type	Housing
Connector & Housing Type	Cap
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	4
Number of Rows	2

Electrical Characteristics

Operating Voltage	300 VAC
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Body Features

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Primary Product Color	Blue
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Contact Features

Contact Layout	Matrix
Contact Retention Within Housing	Without
Contact Type	Tab

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Latches
Connector Mounting Type	Panel Mount

Housing Features

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

Dimensions

Panel Thickness (Recommended)	.8 – 2 mm[.031 – .078 in]
Row-to-Row Spacing	4.6 mm[.181 in]

Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

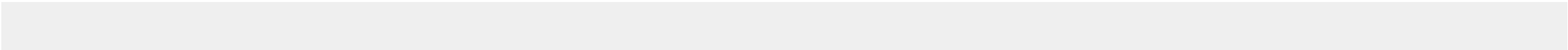
Compatible With Agency/Standards Products	UL
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	150
Packaging Method	Bag

Product Compliance

For compliance documentation, visit the product page on TE.com>



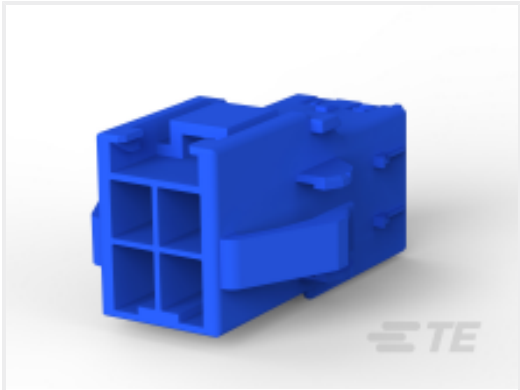


EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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>

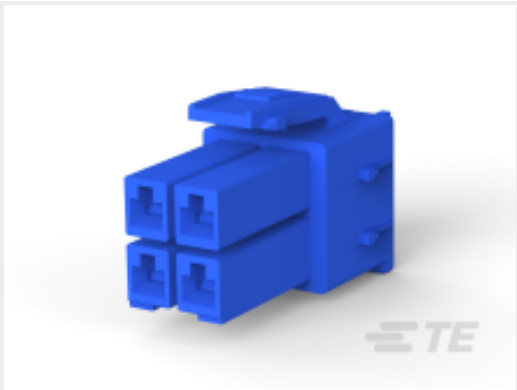
Compatible Parts



TE Part # 1-368589-6
PDL 4P CAP 3.96 D/R P/M(GWT) B



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

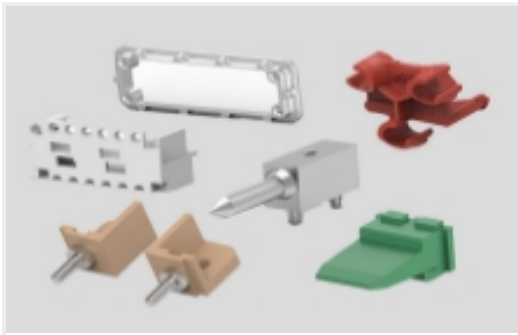


TE Part # 177900-6
POWER DBL LOCK PLUG HSG 4P

Also in the Series | Power Double Lock



Connector Contacts(59)



Connector Hardware(25)



Power Contacts(58)



Rectangular Connector Housings(367)



Rectangular Power Connectors(485)

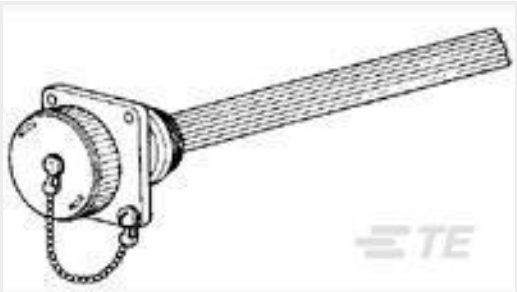


Standard Rectangular Connectors(367)



Wire-to-Board Connector Assemblies & Housings(47)

Customers Also Bought



TE Part #207445-3
SEALING CAP ASSY, 17,CPC ROHS
Compliant

Documents

Product Drawings

POWER DBL LOCK CAP HSG P/M 4P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_177908-6_T.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_177908-6_T.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_177908-6_T.3d_stp.zip

English

3D PDF



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Customer View Model

[ENG_CVM_177908-6_C.3d_igs.zip](#)

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Customer View Model

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Customer View Model

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English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

English

[1773458-5_POWER_DBL_LOCK_\(PDL\)_CONNECTORS](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English

[AMP POWER DOUBLELOCK CONNECTOR SERIES](#)

English

Agency Approvals

[CSA Certificate](#)

English