316502-1 ✔ ACTIVE

Power Double Lock

TE Internal #: 316502-1

Housing, Cap, Wire-to-Panel / Wire-to-Wire, 4 Position, 3.96 mm [.156 in] Centerline, Wire & Cable, Power Double Lock, Rectangular Power Connectors

View on TE.com >

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







EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Cap**

Connector System: **Wire-to-Panel, Wire-to-Wire**

All STD Temp Power Double Lock Cap (33)

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

Compatible With Discrete Wire Type	Stranded
Rectangular Power Connector 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	1

Electrical Characteristics

Operating Voltage	300 VAC

Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Tab

Termination Features

Termination Method to Wire & Cable	Crimp

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 Color	Natural
Housing Material	Nylon 6/6

Dimensions

Panel Thickness (Recommended)	.8 – 2 mm[.031 – .078 in]
Product Width	17.9 mm
Product Length	26.1 mm
Connector Height	26.1 mm

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Compatible With Agency/Standards Products	VDE, CSA
Compatible With Approved Standards Products	UL E28476
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	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	Low Halogen - Br, Cl, F, I < 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 # CAT-P87024-P729
STD Temp Power Double Lock Plug



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



TE Part # 5-316501-1
POWER D/LOCK PLUG HG 4P NAT (GWT)

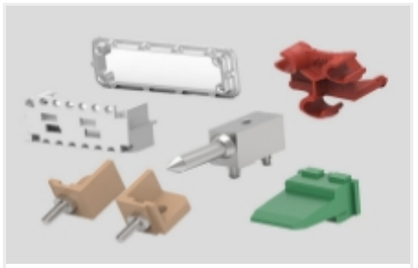


TE Part # 1971599-1
POWER D/LOCK CAP HSG 4P NATU.(

Also in the Series | Power Double Lock



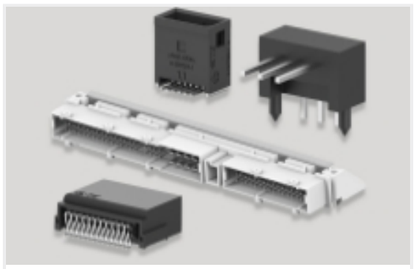
Connector Contacts(24)



Connector Hardware(14)



Insertion & Extraction Tools(2)

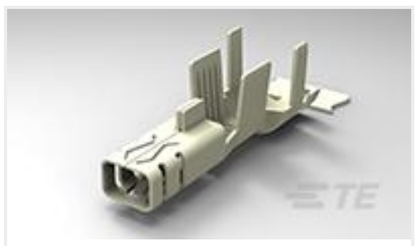


PCB Headers & Receptacles(43)



Rectangular Power Connectors(240)

Customers Also Bought



TE Part #1971787-2
PTL RECEPTACLE CONTACT, 2X18 AWG



TE Part #1-1971772-7
PTL 1X5 CAP PANEL MT STD TEMP KEY A NAT



TE Part #1969588-6
HSG, REC, FREE-HANGING, SINGLE ROW,EP2.5



TE Part #177907-1
POWER DBL LOCK CAP P/M 3P



TE Part #1969588-2
HSG, REC, FREE-HANGING, SINGLE ROW,EP2.5



TE Part #2132781-9
09P EP-II HOUSING, NATURAL



TE Part #1969443-7
EP 2.5 TPA Retainer, 7 Pos



TE Part #2232326-1
CLUSTER BLOCK HSG .090 DIA



TE Part #234912-1
EXT TOOL FOR POWER DBL LOK REC



TE Part #234914-1
EXT TOOL FOR POWER DBL LOK TAB

Documents

Product Drawings

POWER D/LOCK CAP HSG 4P NATU.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_316502-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_316502-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_316502-1_F.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

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

AMP POWER DOUBLELOCK CONNECTOR SERIES

English