177912-1 ✔ ACTIVE

Power Double Lock

TE Internal #: 177912-1

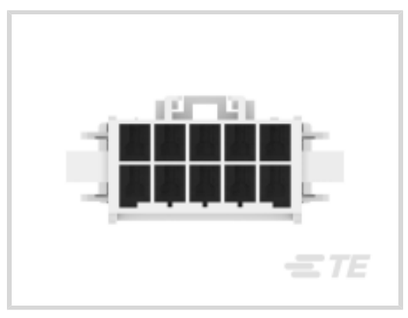
Rectangular Power Connectors, Housing, Cap, Wire-to-Wire / Wire-to-Panel, 10 Position, 3.96 mm [.156 in] Centerline, Wire & Cable, Power Double Lock

View on TE.com >

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







Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Cap**

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

Number of Positions: **10**

Centerline (Pitch): **3.96 mm [.156 in]**

All STD Temp Power Double Lock Cap (33)

Features

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	10
Number of Rows	2

Electrical Characteristics

Operating Voltage	300 VAC

Contact Features

Contact Layout	Matrix
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]
Row-to-Row Spacing	4.6 mm[.181 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

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	100
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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 177904-1
POWER D/LOCK PLUG HSG 10P



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



TE Part # 177921-1
POWER D/LOCK PLATE 5P NATURAL



TE Part # 6-177904-1
POWER D/LOCK PLUG HSG 10P(GWT)

TE Part # 5-177904-1
POWER D/LOCK PLUG HSG 10P

Also in the Series | Power Double Lock



Connector Contacts(24)



Connector Hardware(14)



Insertion & Extraction Tools(2)



Rectangular Power Connectors(283)

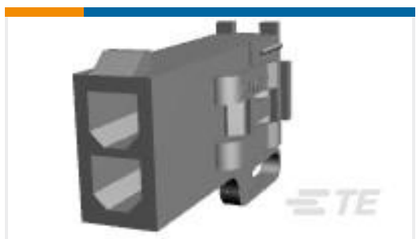
Customers Also Bought



TE Part # 177916-1
AMP POWER DBL LOCK TAB (S)



TE Part # 1969442-7
EP 2.5 TPA Housing, 7 Pos



TE Part # 794185-1
02P MINI UMNL2 CAP HSG UL94V0



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



TE Part # 794221-1
MINI UMNL2 SOK 22-18 AWG SN



TE Part # 794761-1
09P UMNL CAP HSG WHTE,P/MT,V0



TE Part # 1969726-1
2P HEAVY DUTY BURNER HSG



TE Part # 794760-1
06P UMNL CAP HSG WHTE,PAN MNT



TE Part # 1744423-1
EP 2.5 RCPT CONTACT, 24-20 AWG



TE Part # 521596-2
ULTRA-POD 187 ASSY REC 22-18 AWG TPBR

Documents

Product Drawings

POWER D/LOCK CAP HSG 10P NATU.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_177912-1_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_177912-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_177912-1_J.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof 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