

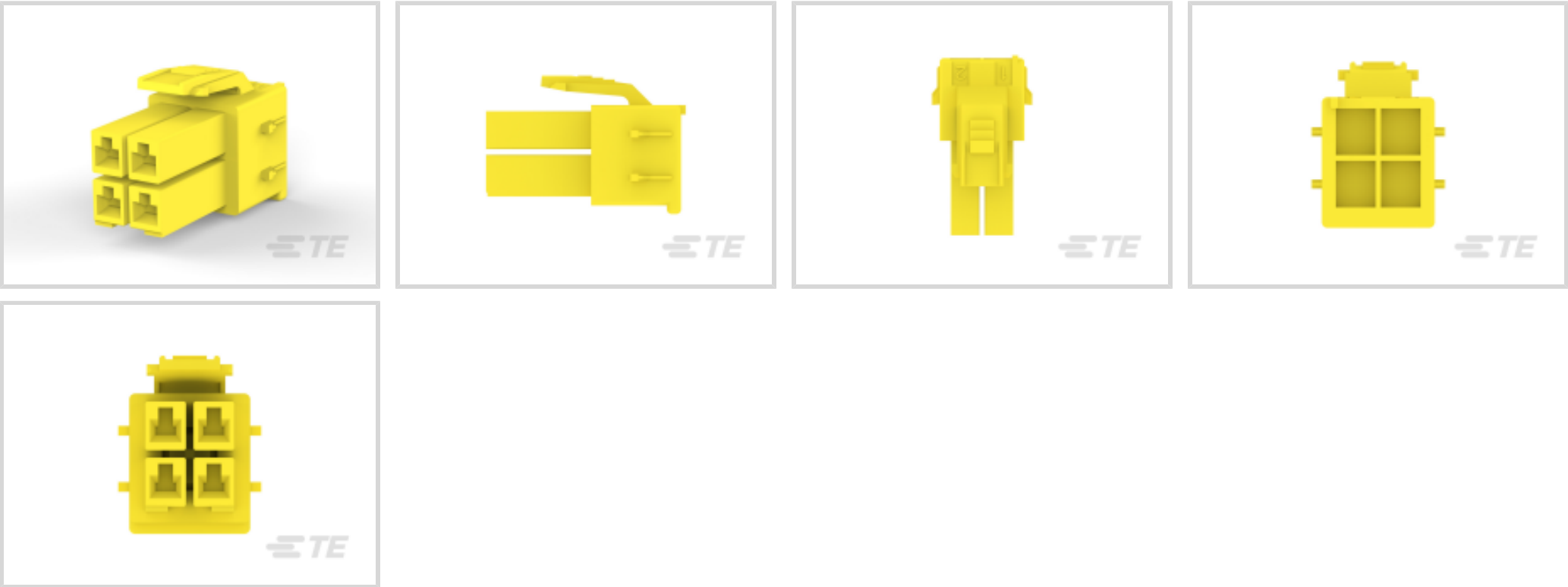


Power Double Lock

TE Internal #: 177900-4
Housing, Plug, Wire-to-Wire, 4 Position, 3.96 mm [.156 in]
Centerline, Wire & Cable, UL 94V-0, Power Double Lock,
Rectangular Power Connectors

[View on TE.com >](#)

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



Rectangular Power Connector Type: **Housing**
Connector & Housing Type: **Plug**
Connector System: **Wire-to-Wire**
Number of Positions: **4**
Centerline (Pitch): **3.96 mm [.156 in]**

[All STD Temp Power Double Lock Plug \(66\)](#)

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	4
Number of Power Positions	0
Number of Signal Positions	0
Number of Rows	2

Electrical Characteristics

--	--



Operating Voltage	300 VAC
-------------------	---------

Contact Features

Contact Layout	Matrix
Contact Retention Within Housing	Without
Contact Type	Receptacle

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

Housing Features

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

Dimensions

Connector Height	20.6 mm
Product Width	11.5 mm
Product Length	20.5 mm
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	CSA, VDE
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	300
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-C1701
STD Temp Power Double Lock Cap



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



TE Part # 179593-1
AMP POWER D/LOCK RECONT. L/P



TE Part # 179592-1
AMP POWER D/LOCK REC CONT. L/P



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

TE Part # 179593-2
POWER D/LOCK REC CONT. H/P L/P

TE Part # 1-368575-4
PDL 4P PLUG 3.96 D/R(GWT) YEL

TE Part # 179840-4
AMP POWER D/LOCK T/HDR ASSY 4P

TE Part # 1-179840-4
PDL 4P HDR 3.96 DR V/T ASSY YEL

TE Part # 179852-4
AMP POWER D/LOCK TAB HDR 4P V

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)

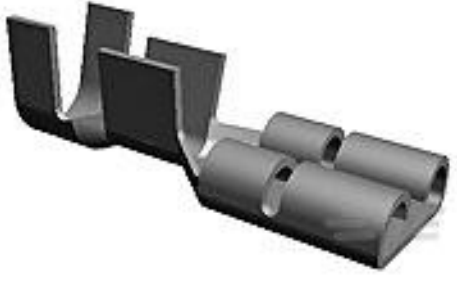
Customers Also Bought

TE Part #794535-1
06P UMNL PLUG HSG 150C BLK

TE Part #350416-1
.093 COMM P&S PIN 14-20 PTPBR

TE Part #1-1969442-4
EP 2.5 TPA Housing, 14 Pos

TE Part #1-520935-2
PL 250 HOUSING REC RED 6/6
NYLON V2



TE Part #63537-2
250 FASTON REC 18-14 TPBR



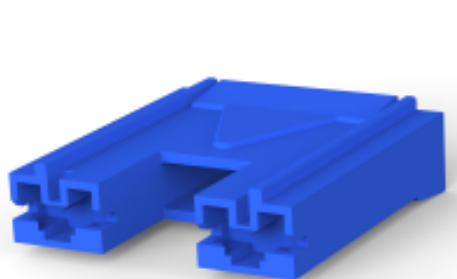
TE Part #8-1971772-4
PTL 1X4 CAP PANEL MT HITEMP KEY
D NAT



TE Part #1744544-5
EP II TPA 05P, BLACK



TE Part #1969718-1
250 POS LOCK & STD HSG NAT



TE Part #2-176498-6
187 HSG. PL MKII REC. 15mm 2P BLUE

Documents

Product Drawings

POWER DBL LOCK PLUG HSG 4P

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_177900-4_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_177900-4_F.3d_igs.zip

English

Customer View Model

ENG_CVM_177900-4_F.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_177900-4_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_177900-4_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_177900-4_S.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

Product Specifications
[Application Specification](#)
English

Instruction Sheets
[Instruction Sheet \(non U.S.\)](#)
English
[AMP POWER DOUBLELOCK CONNECTOR SERIES](#)
English

Agency Approvals
[CSA Certificate](#)
English