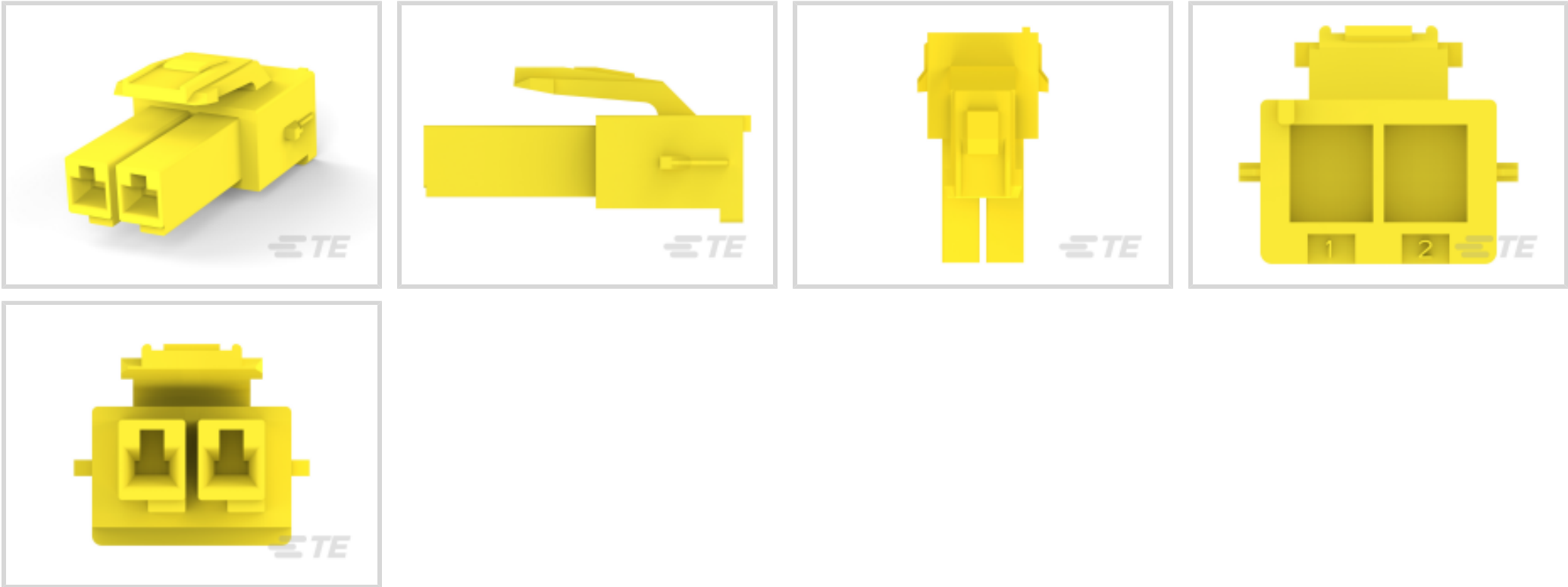# 177898-4 ✔ ACTIVE

Power Double Lock
TE Internal #: 177898-4

Housing, Plug, Crimp, Wire-to-Board / Wire-to-Panel / Wire-to-Wire, UL 94V-0, Power Double Lock, Rectangular Wire & Cable Connectors & Housings

View on TE.com >

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

Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

Termination Method to Wire & Cable: **Crimp**

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

Contact Retention Within Housing: **Without**

All STD Temp Power Double Lock Plug (66)

Features

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	300 VAC

Body Features

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Housing, Plug, Crimp, Wire-to-Board / Wire-to-Panel / Wire-to-Wire, UL 94V-0, Power Double Lock, Rectangular Wire & Cable Connectors & Housings

Primary Product Color	Yellow

Contact Features

Contact Layout	Inline
Contact Type	Receptacle
Contact Retention Within Housing	Without

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon 6/6
Centerline (Pitch)	3.96 mm[.156 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	CNR, USR
Compatible With Approved Standards Products	CSA/C22.2 No. 182.3-M1987, UL 1977
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	500
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 2025 (247)

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Housing, Plug, Crimp, Wire-to-Board / Wire-to-Panel / Wire-to-Wire, UL 94V-0, Power Double Lock, Rectangular Wire & Cable Connectors & Housings

	Candidate List Declared Against: JAN 2025 (247) 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-R2435

Power Double Lock Receptacle

TE Part # 179463-4

AMP POWER DBL LOCK HSG 2P

TE Part # 177906-4

POWER DBL LOCK CAP HSG P/M 2P

TE Part # 179593-2

POWER D/LOCK REC CONT. H/P 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 # 179593-1
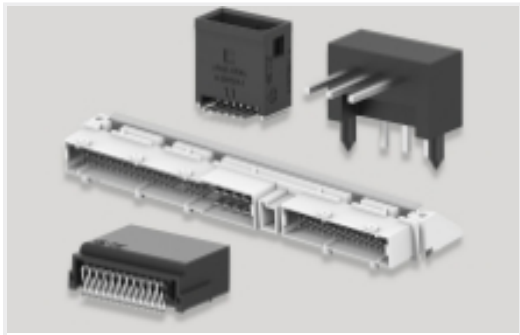
AMP POWER D/LOCK RECCONT. L/P

Also in the Series | Power Double Lock

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Housing, Plug, Crimp, Wire-to-Board / Wire-to-Panel / Wire-to-Wire, UL 94V-0, Power Double Lock, Rectangular Wire & Cable Connectors & Housings

Connector Contacts(24)

Connector Hardware(14)

PCB Headers & Receptacles(43)

Power Contacts(24)

Rectangular Connector Housings(240)
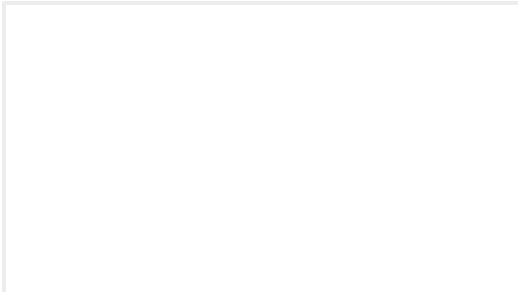
Rectangular Power Connectors(283)

Standard Rectangular Connectors(240)
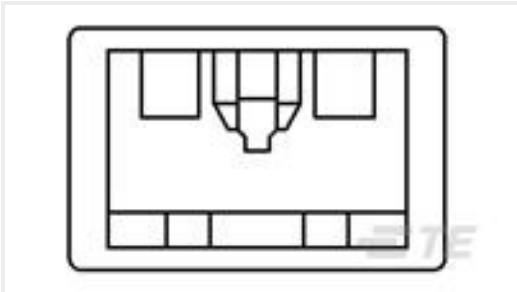
Customers Also Bought

TE Part #2-1971906-4
HEADER ASSY 8POS,KEYING-B,NEW GIC3.3

TE Part #2357097-1
GRACE INERTIA 3.5W TPA 6P

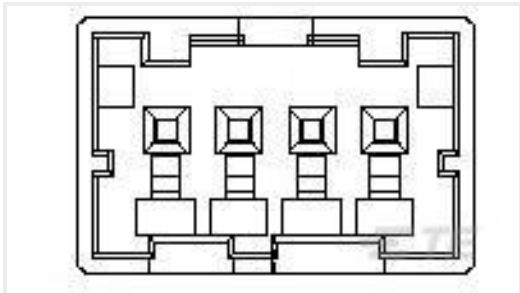TE Part #1-2357092-2
GRACE INERTIA 3.5W PLUG 10P RED

TE Part #1318954-6
250 HSG. PL EX REC. BLUE

TE Part #170037-2
187 FASTON,REC.,20-16 AWG,TPBR

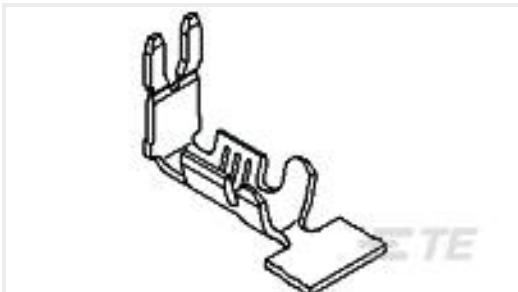TE Part #316502-6
POWER D/LOCK CAP HSG 4P BLUE

TE Part #1903393-1
GIC 2.5 W CAP HSG 4P NATURAL

TE Part #1981971-1
GIC2.5W CAPHOUSING 8POS (2-ROW) NAT

TE Part #4-1971906-3
HEADER ASSY 6POS,KEYING-D,NEW GIC3.3

TE Part #1742897-1
MAG-MATE POKE-IN TAB 018 PTPBR

Documents

177898-4

Housing, Plug, Crimp, Wire-to-Board / Wire-to-Panel / Wire-to-Wire, UL 94V-0, Power
Double Lock, Rectangular Wire & Cable Connectors & Housings

Product Drawings

POWER DBL LOCK PLUG HSG 2P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_177898-4_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_177898-4_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_177898-4_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

UL

English