

177900-4 ✓ ACTIVE



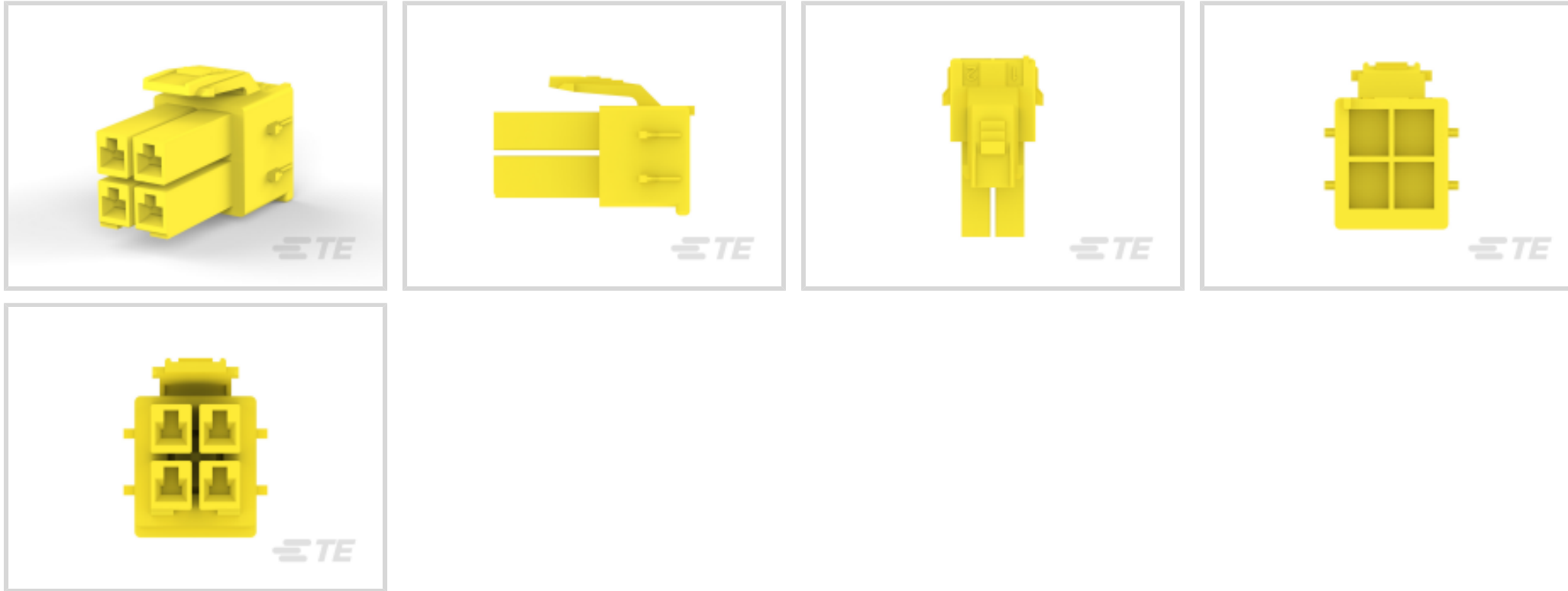
Power Double Lock

TE Internal #: 177900-4

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

[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 \(67\)](#)

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
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Contact Features

Contact Layout	Matrix
Contact Retention Within Housing	Without
Contact Type	Receptacle

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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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]
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Operation/Application

Circuit Application	Power & Signal
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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



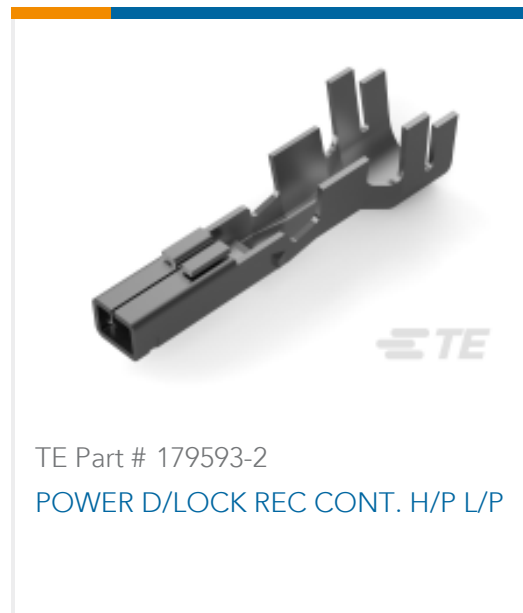
TE Part # 179593-1
AMP POWER D/LOCK RECONT. L/P



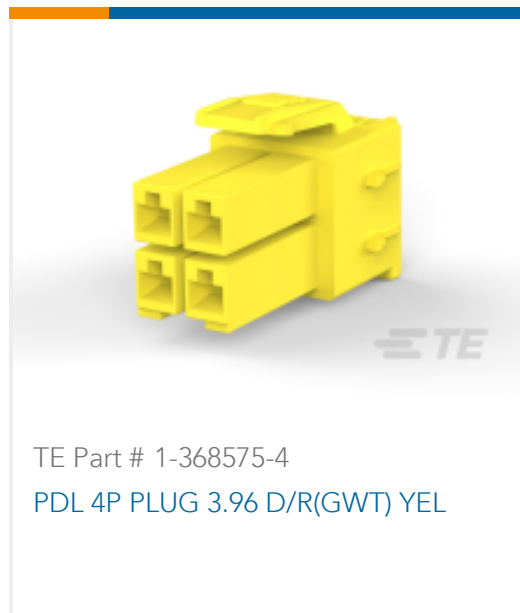
TE Part # 179592-1
AMP POWER D/LOCK REC CONT. L/P



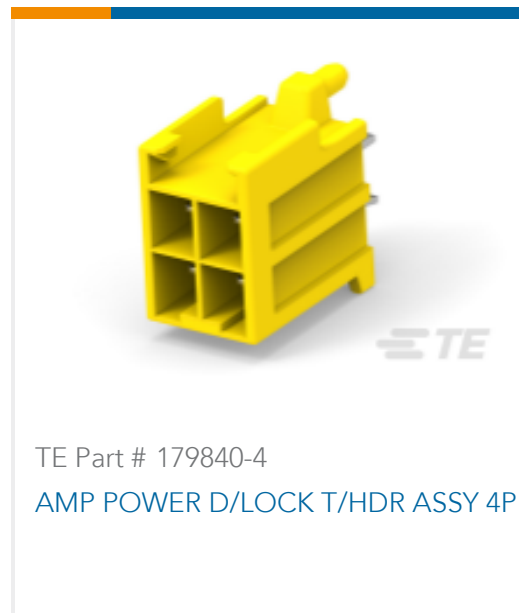
TE Part # 179592-2
POWER D/LOCK REC CONT. H/P L/P



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



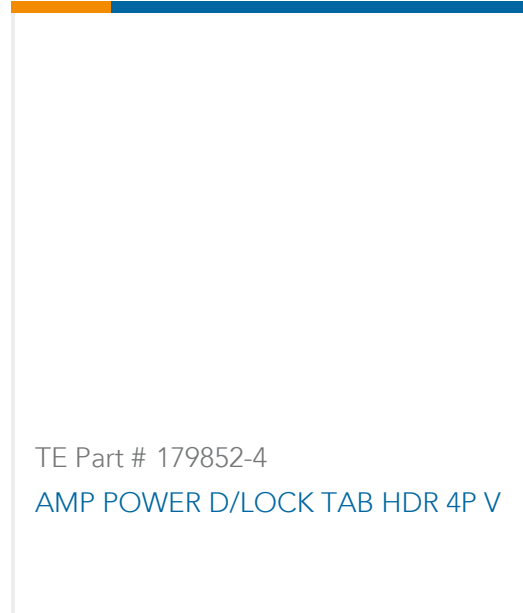
TE Part # 1-368575-4
PDL 4P PLUG 3.96 D/R(GWT) YEL



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

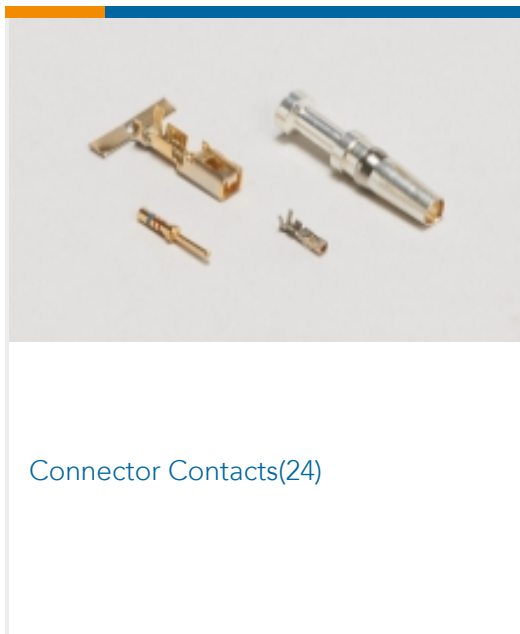


TE Part # 1-179840-4
PDL 4P HDR 3.96 DR V/T ASSY YEL



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

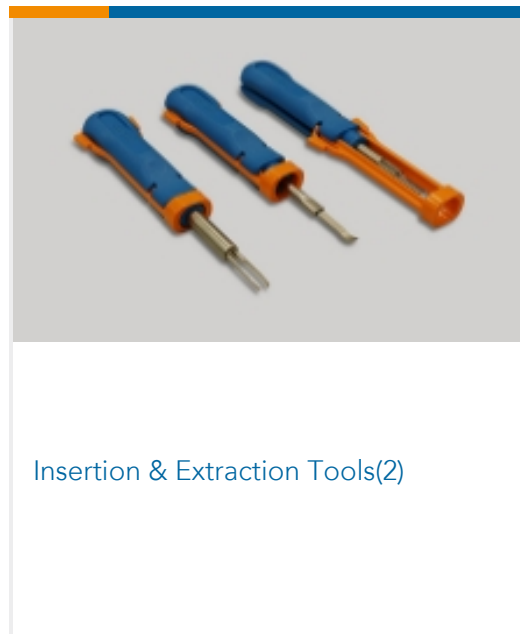
Also in the Series | **Power Double Lock**



Connector Contacts(24)



Connector Hardware(14)



Insertion & Extraction Tools(2)



Rectangular Power Connectors(284)

Customers Also Bought



TE Part #1376394-1
5MM POWER KEY D/L PLATE GREEN



TE Part #177917-1
AMP POWER DBL LOCK TAB (L)



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



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



TE Part #176498-1
POSITIVE LOCK 187 (4.8 MM) HOUSING



TE Part #1-520935-1
250 HSG. PL MKII REC. 15.11mm 2P NAT



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



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



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

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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