

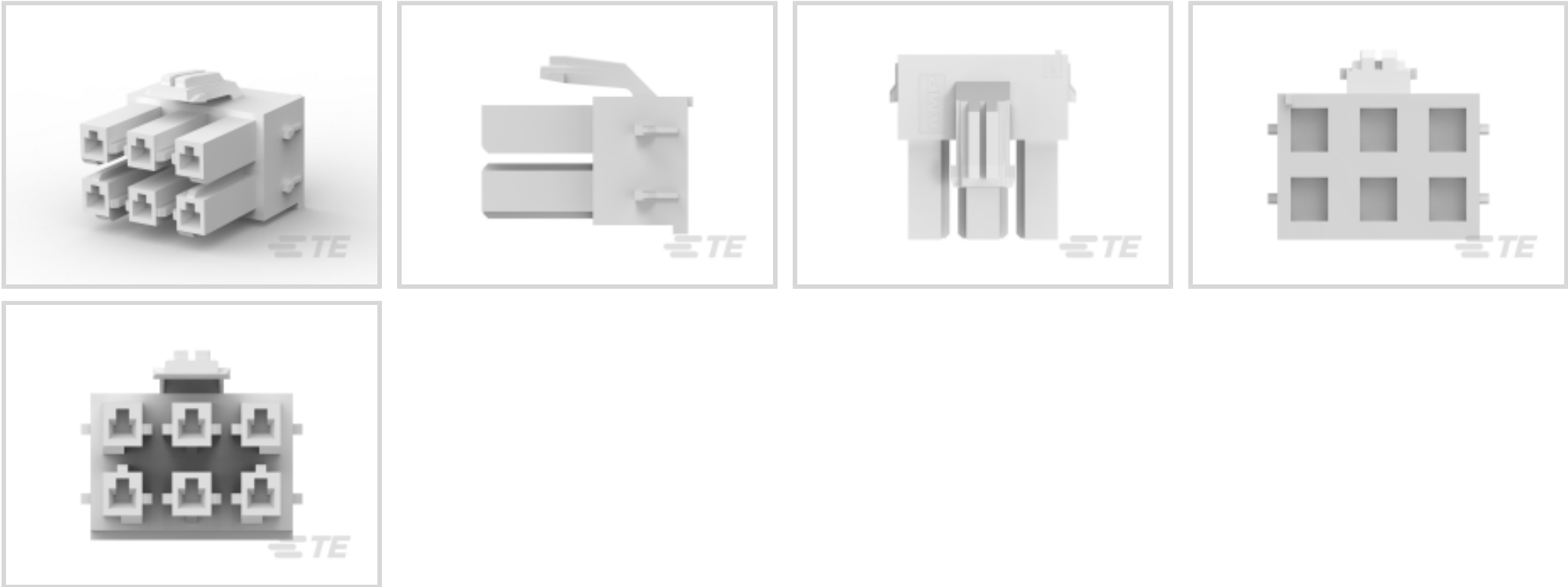


Power Double Lock

TE Internal #: 179862-1
Housing, Plug, Crimp, Wire-to-Board / Wire-to-Wire, UL 94V-0, 6
Position, 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-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-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	300 VAC
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Body Features

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Primary Product Color	Natural
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Contact Features

Contact Layout	Matrix
Contact Type	Receptacle
Contact Retention Within Housing	Without

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

Housing Material	Nylon 6/6
Centerline (Pitch)	6.5 mm[.255 in]

Dimensions

Row-to-Row Spacing	6.5 mm[.256 in]
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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	UL
Compatible With Approved Standards Products	UL 1977
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

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



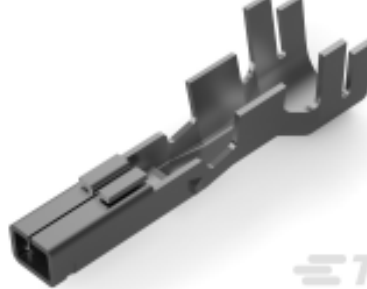

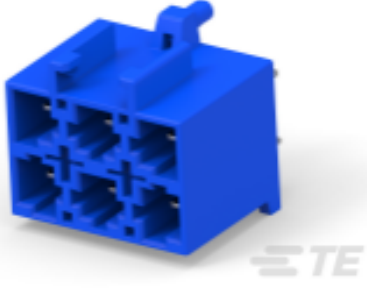

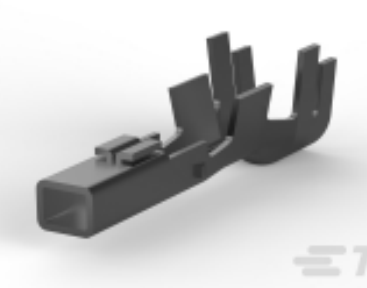
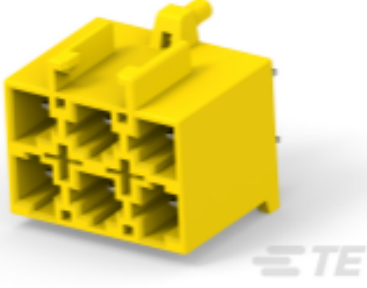


China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per 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

 <p>TE Part # 1-179849-1 PDL 6P HDR 6.5 DR V/T ASSY NAT</p>	 <p>TE Part # 179860-4 AMP POWER D/LOCK TAB HDR 6P V</p>	 <p>TE Part # 179593-2 POWER D/LOCK REC CONT. H/P L/P</p>	 <p>TE Part # 2005252-1 PDL 6P PLUG 6.5 D/R(GWT) NAT</p>
 <p>TE Part # 1-179849-6 PDL 6P HDR 6.5 DR V/T ASSY BLU</p>	 <p>TE Part # 179860-1 AMP POWER D/LOCK TAB HDR 6P V</p>	 <p>TE Part # CAT-P87024-R2435 Power Double Lock Receptacle</p>	 <p>TE Part # 1-179849-4 PDL 6P HDR 6.5 DR V/T ASSY YEL</p>



TE Part # 179860-6
AMP POWER D/LOCK TAB HDR 6P V

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

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

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

TE Part # 179849-1
AMP POWER D/LOCK T/HDR ASSY 6P

Also in the Series | Power Double Lock

Connector Contacts(24)

Connector Hardware(14)

Insertion & Extraction Tools(2)

PCB Headers & Receptacles(43)

Power Contacts(24)

Rectangular Power Connectors(283)

Wire-to-Board Headers & Receptacles (43)

Customers Also Bought

TE Part #63663-1
MAG-MATE 22-20 187 FTAB TPBR

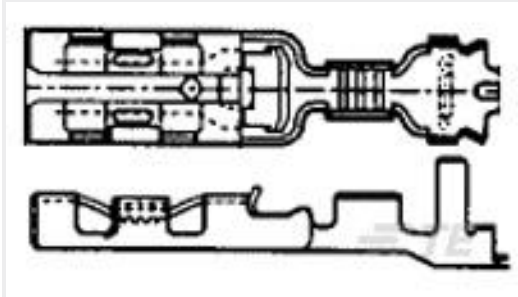
TE Part #179465-1
AMP POWER DBL LOCK CAP HSG 4P

TE Part #62935-1
MAG-MATE TERM 27-23 016 TPBR

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



TE Part #63664-1
MAG-MATE 27-23 187 FTAB TPBR



TE Part #353249-2
110 PL EX REC. 26-22AWG PTPHBZ



TE Part #62420-1
MAG-MATE TERM 20-22 016 TPBR



TE Part #CAT-G7534-P729
STD Temp GRACE INERTIA Plug

Documents

Product Drawings

AMP POWER D/LOCK PLUG HSG 6P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_179862-1_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_179862-1_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_179862-1_N.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

Agency Approvals

UL Report

English