

179938-1 ✓ ACTIVE



Power Double Lock

TE Internal #: 179938-1

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 3 Position, 6.5 mm [.255 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: **3**

Centerline (Pitch): **6.5 mm [.255 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	3
Number of Power Positions	0
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics



Operating Voltage	300 VAC
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Contact Features

Contact Layout	Inline
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)	6.5 mm [.255 in]
Housing Color	Natural
Housing Material	Nylon 6/6

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	CNR, USR, VDE
Compatible With Approved Standards Products	CSA/C22.2 No. 182.3-M1987, UL 1977
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	150
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

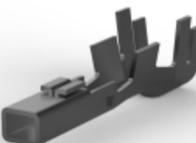
Solder Process Capability

Not applicable for solder process capability

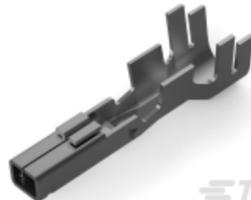
Product Compliance Disclaimer

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



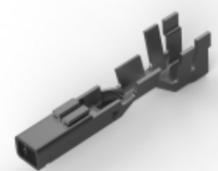
TE Part # CAT-P87024-R2435
Power Double Lock Receptacle



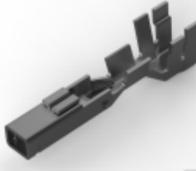
TE Part # 179593-1
AMP POWER D/LOCK RECCONT. L/P



TE Part # 917745-1
AMP POWER D/L TAB HDR ASSY 2P V



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



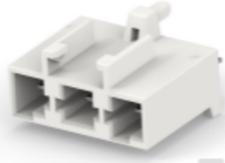
TE Part # 179593-2
POWER D/LOCK REC CONT. H/P L/P



TE Part # 179846-1
AMP POWER D/LOCK T/HDR ASSY 3P



TE Part # 368570-1
PDL 3P PLUG 6.5(GWT) NAT

TE Part # 1-179846-1
PDL 3P HDR 6.5 SR V/T ASSY NAT



TE Part # 1-179846-9
PDL 3P HDR 6.5 SR V/T ASSY BLK

TE Part # 179846-9
AMP POEWR D/LOCK T/HDR ASSY 3P

TE Part # 179857-1
AMP POWER D/LOCK TAB HDR 3P V

TE Part # 5-179857-9
AMP POWER D/LOCK TAB HDR 3P V

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 #179466-1
AMP POWER DBL LOCK CAP HSG 6P



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



TE Part #2-1376387-4
5.0 PK CONN. 6P(2ROW) HDR W/O GF - BLUE

TE Part #1-2174298-2
5mm POWER KEY 3P HDR ASSEMBLY



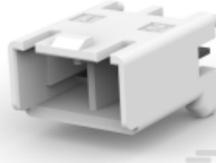
TE Part #1376386-2
5mm B-T-W Conn. 4P(2row) HDR A



TE Part #2-2232574-3
GIC 2.5 W CAP HSG 4P BLUE



TE Part #2232574-1
GIC 2.5 W CAP HSG 4P NATURAL



TE Part #1376382-2
5MM B-T-W CONN. 2P HDR ASSEMBL (W/O GF)



Documents

Product Drawings

[AMP POWER DBL LOCK PLUG HSG 3P](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_179938-1_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_179938-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_179938-1_G.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

[CSA Certificate](#)

English