



Power Double Lock

TE Internal #: 179938-2
Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 3
Position, .255 in [6.5 mm] Centerline, Wire & Cable, UL 94V-0,
Power Double Lock

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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 \(68\)](#)

Features

Product Type Features

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	3
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

Operating Voltage	300 VAC
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Contact Features

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	Red
Housing Material	Nylon 6/6

Usage Conditions

Operating Temperature Range	-30 – 105 °C[12 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Bag
Packaging Quantity	150

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 2022 (224) Candidate List Declared Against: JUL 2017 (174) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per



homogenous material. Also BFR/CFR/PVC Free





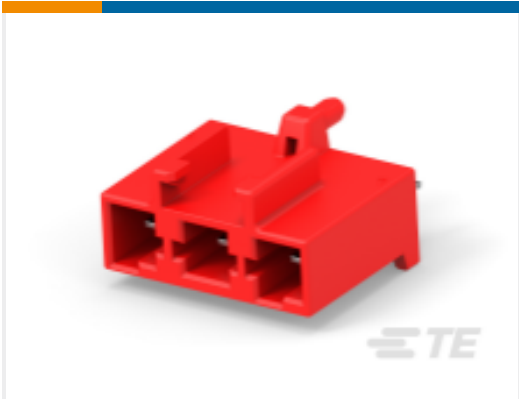


Solder Process Capability

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

 <p>TE Part # CAT-P87024-R2435 Power Double Lock Receptacle</p>	 <p>TE Part # 179593-1 AMP POWER D/LOCK RECCONT. L/P</p>	 <p>TE Part # 179592-2 POWER D/LOCK REC CONT. H/P L/P</p>	 <p>TE Part # 179592-1 AMP POWER D/LOCK REC CONT. L/P</p>
 <p>TE Part # 179593-2 POWER D/LOCK REC CONT. H/P L/P</p>	 <p>TE Part # 1-179846-2 PDL 3P HDR 6.5 SR V/T ASSY RED</p>	 <p>TE Part # 179846-2 AMP POWER D/LOCK T/HDR ASSY 3P</p>	 <p>TE Part # 179857-2 AMP POWER D/LOCK TAB HDR 3P V</p>

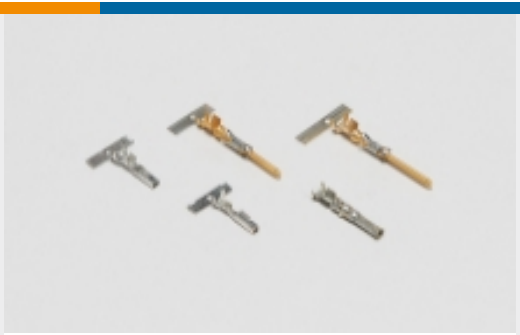
Also in the Series | Power Double Lock



Connector Contacts(1)



Insertion & Extraction Tools(2)



Power Contacts(23)

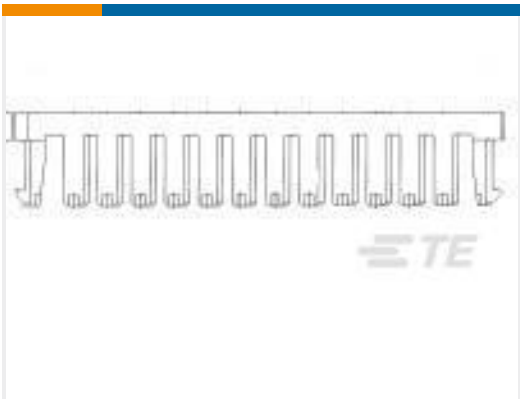


Rectangular Connector Locking(14)



Rectangular Power Connectors(284)

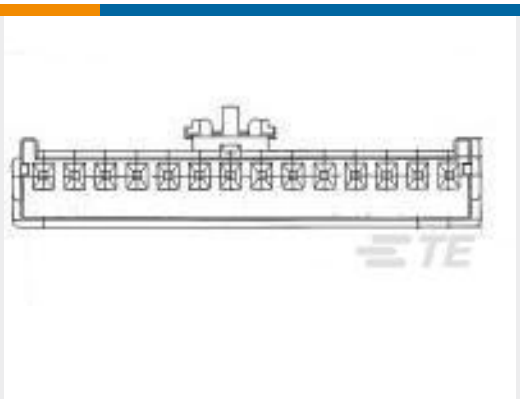
Customers Also Bought



TE Part #1746076-1
2.5SDL DBL 14P HSG NAT



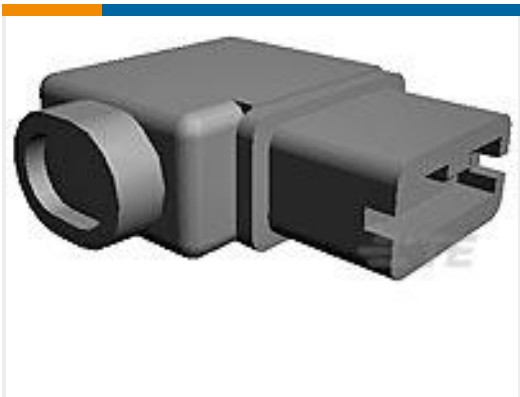
TE Part #179861-4
STD Temp Power Double Lock Plug



TE Part #1746063-1
2.5SDL PLUG HSG 14P NAT



TE Part #179464-6
AMP POWER DBL LOCK CAP HSG 3P



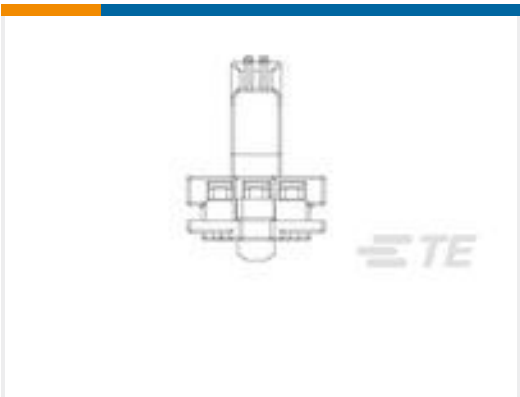
TE Part #1-176497-7
PL EX SLEEVE 250 FLAG RED 6/6 NYLON



TE Part #173081-7
EI POST HDR 7P ASSY GOLD PLATE



TE Part #1743165-2
250 HSG. PL EX REC. 12mm 2P BLACK



TE Part #2005820-1
CLUSTER BLOCK 3P CLIP HSG



TE Part #2232111-3
250 FASTON, FLAG, REC., 12-20 AWG, TPBR

Documents



Product Drawings

AMP POWER DBL LOCK PLUG HSG 3P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_179938-2_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_179938-2_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_179938-2_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

Product Specification

English

AMP POWER DOUBLE LOCK CONNECTOR, 6.5mm PITCH, SMT HEADER

Japanese

Product Specification

Japanese

Product Specification

Japanese

Fan Motor I/O Connector

Japanese

Agency Approvals

UL Report

English

UL Report

English