



Power Double Lock

TE Internal #: 1-179466-5

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire,
6 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



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Wire**

Number of Positions: **6**

Centerline (Pitch): **3.96 mm [.156 in]**

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
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	Tab

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	Black
Housing Material	Nylon

Dimensions

Connector Height	13.2 mm
Product Width	13.9 mm
	26.1 in
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

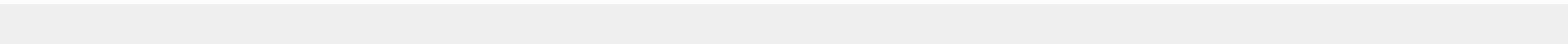
Agency/Standard	UL
Approved Standards	UL 1977
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

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: 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 reviewed 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 # 177901-1
POWER DBL LOCK PLUG HSG 6P

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

TE Part # CAT-P87024-T111
Power Double Lock Tab

TE Part # 177915-9
POWER DBL LOCK REC CONT

TE Part # 2238096-1
AMP POWER DBL LOCK CONN, REC. CONTACT

TE Part # 1939345-1
AMP PDL CONN. TAB CON'T (W-CRI)

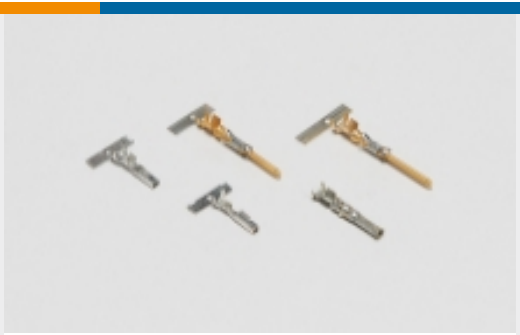
Also in the Series | Power Double Lock



Connector Contacts(1)



Insertion & Extraction Tools(2)



Power Contacts(23)

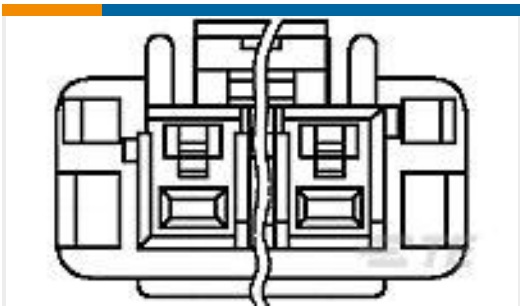


Rectangular Connector Locking(14)



Rectangular Power Connectors(284)

Customers Also Bought



TE Part #1376393-1
5MM POWER KEY 6P PLUG HSG NUT



TE Part #61086-1
.156 MNL PIN 20-14 PTPBR



TE Part #62591-1
187 FASTON FLAG REC 20-16 AWG TPBR



TE Part #63482-1
RING 18-14 AWG TPSTL



TE Part #42722-1
RING TONGUE 12-10 AWG BR



TE Part #42800-1
187 FASTON REC 20-16 AWG BR



TE Part #2238171-3
250 FASTON,FLAG,REC.,22-12 AWG, TPBR



TE Part #1971788-2
PTL TAB CONTACT, 2X18 AWG



TE Part #1217039-1
TIMER CONNECTOR GEN 3 18-14 POST-TPBR

Documents



Product Drawings

AMP POWER DBL LOCK CAP HSG 6P Black

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-179466-5_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-179466-5_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-179466-5_P.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

CSA Certificate

English