



Power Double Lock

TE Internal #: 1983659-1
Housing, Cap, Crimp, Wire-to-Wire, Tin (Sn), UL 94V-0, 4 Position,
Power Double Lock, Rectangular Wire & Cable Connectors &
Housings

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Connector & Housing Type: **Cap**
Termination Method to Wire & Cable: **Crimp**
Connector System: **Wire-to-Wire**
Contact Mating Area Plating Material: **Tin (Sn)**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Cap
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Power Positions	4
Number of Signal Positions	0
Number of Positions	4
Number of Rows	2

Electrical Characteristics

Operating Voltage	300 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Type	Receptacle, Tab
Contact Mating Area Plating Material Thickness	1 µm[39.37 µin]
Contact Mating Area Plating Material	Tin (Sn)
Contact Retention Within Housing	Without
Contact Current Rating (Max)	9 A

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	Thermoplastic
Centerline (Pitch)	6.6 mm[.26 in]

Dimensions

Row-to-Row Spacing	6.6 mm[.259 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
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Industry Standards

Glow Wire Rating	GWT 750°C (Without Flame)
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Package
Packaging Quantity	1000

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	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 1983661-1
Tab connect 16-20AWG




TE Part # 1983664-1
Rec connect 22-26AWG




TE Part # 1983666-1
2P Double Lock



TE Part # 1983663-1
Rec connect 16-20AWG



TE Part # 1983662-1
Tab connect 22-26AWG

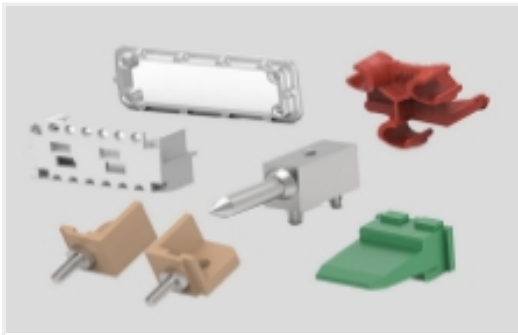


TE Part # CAT-P87024-P729A
Glow Wire Power Double Lock Plug

Also in the Series | Power Double Lock



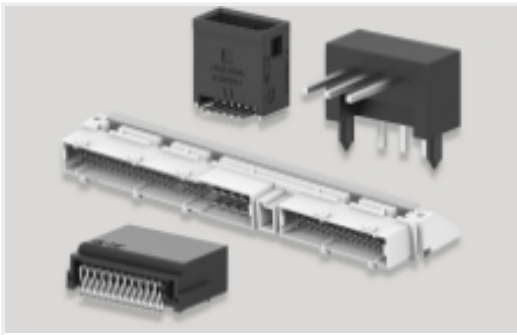
Connector Contacts(24)



Connector Hardware(14)



Insertion & Extraction Tools(2)



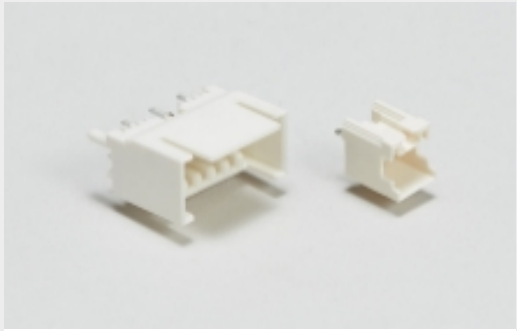
PCB Headers & Receptacles(43)



Power Contacts(24)

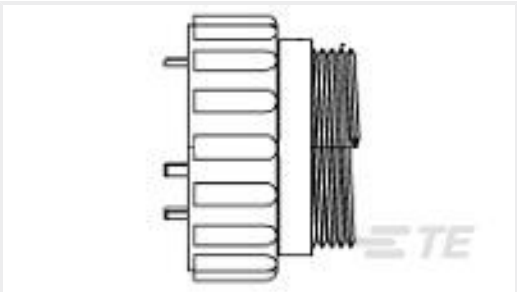


Rectangular Power Connectors(283)

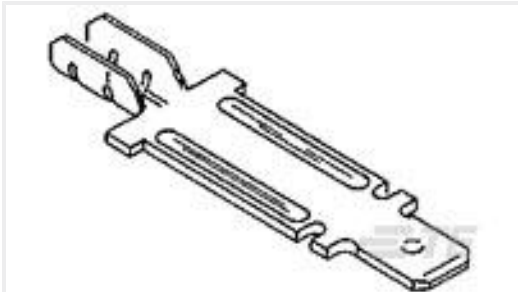


Wire-to-Board Headers & Receptacles (43)

Customers Also Bought



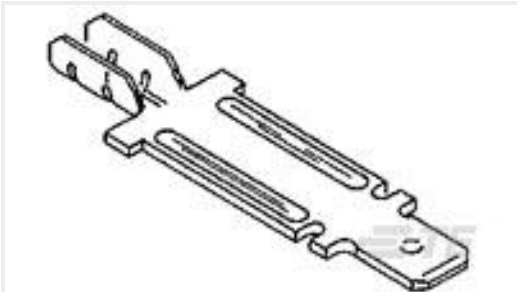
TE Part #206516-1
CPC PLUG ASSEMBLY SIZE 11-4



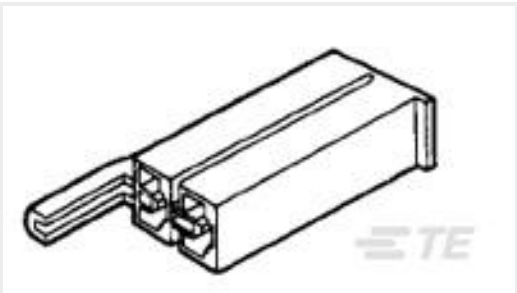
TE Part #63300-1
312 FASTON TAB 22-15 AWG NPST



TE Part #1-2271457-6
D3950 HDR 6POS 1ROW X KEY



TE Part #63301-1
250 FASTON TAB 22-15 AWG NPST



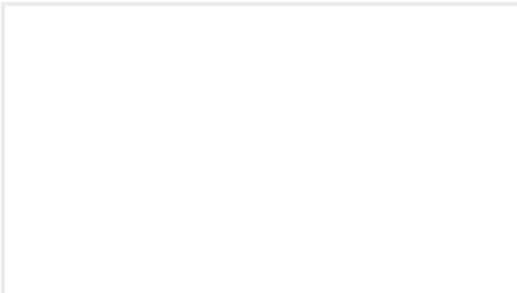
TE Part #174587-1
PL 187 (4.8 MM) HOUSING RECEPTACLE



TE Part #2-2303376-1
D3200 FMLB REC STRAIN RELIEF KIT 4P SS



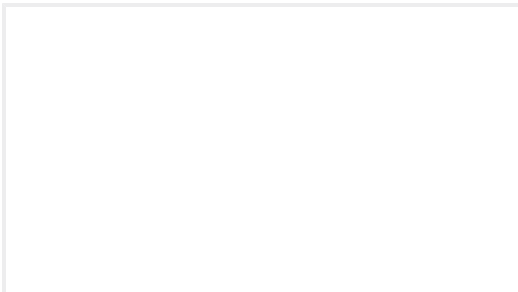
TE Part #177901-4
POWER DBL LOCK PLUG 6P



TE Part #3-1971883-1
4P HOUSING(HIGH VOLTAGE) MULTI 6P CONN



TE Part #1743419-1
POSITIVE LOCK .250 HOUSING RECEPTACLE



TE Part #3-1983666-1
2 POS DOUBLE LOCK PLATE MULTI 6P CONN

Documents



Product Drawings

4P Plug Housing

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1983659-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1983659-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1983659-1_C.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English