



Power Double Lock

TE Internal #: 1983660-1
Housing, Plug, Crimp, Wire-to-Wire, Tin (Sn), UL 94V-0, 2 Position,
Power Double Lock, Rectangular Wire & Cable Connectors &
Housings

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors > Glow Wire Power Double Lock Plug



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

[All Glow Wire Power Double Lock Plug \(55\)](#)

Features

Product Type Features

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

Configuration Features

Number of Power Positions	2
Number of Signal Positions	0
Number of Positions	2
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
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	Box
Packaging Quantity	2000

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
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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 # 1983665-1
1P Double Lock



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




TE Part # 1983658-1
6P Panel Mount

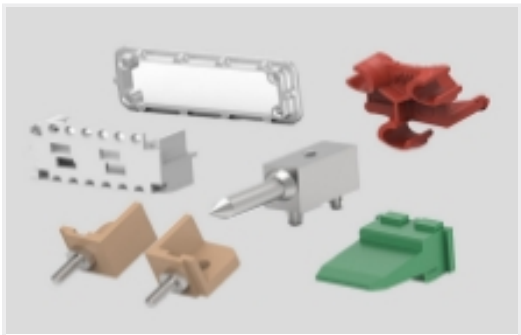


TE Part # 1983664-1
Rec connect 22-26AWG


Also in the Series | Power Double Lock



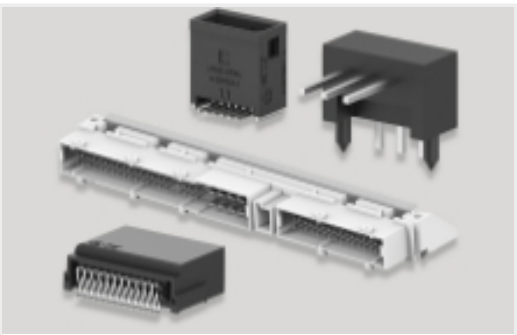
Connector Contacts(24)



Connector Hardware(14)



Insertion & Extraction Tools(2)



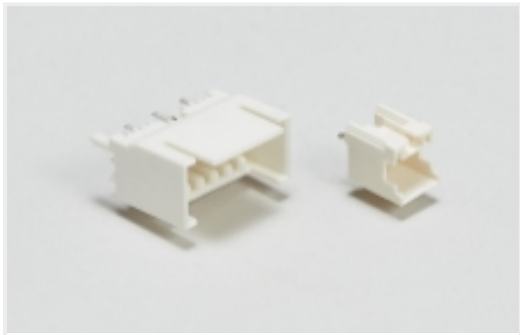
PCB Headers & Receptacles(43)



Power Contacts(24)



Rectangular Power Connectors(283)



Wire-to-Board Headers & Receptacles (43)

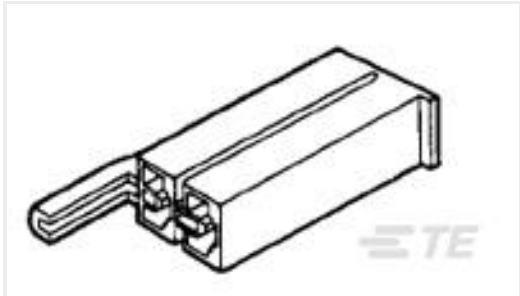
Customers Also Bought



TE Part #175019-1
187 PL EX FLAG REC. 22-16AWG PTBR



TE Part #63658-1
MAG MATE TERM 25-22 016TPBR



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



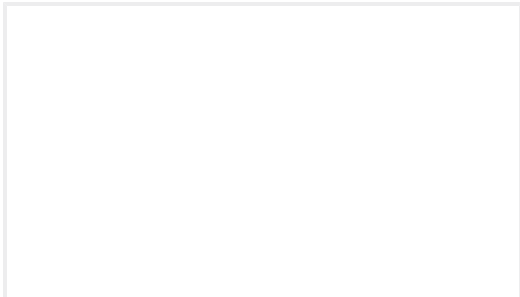
TE Part #62429-1
MAG-MATE TERM 27-30 013TPBR



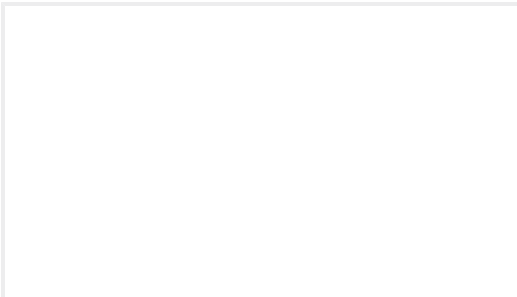
TE Part #62935-1
MAG-MATE TERM 27-23 016 TPBR



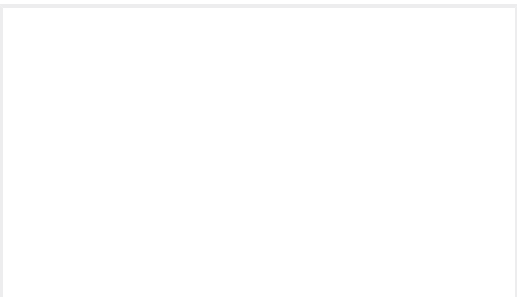
TE Part #3-1983662-1
TAB CONTACT MULTI 6P CONNECTOR



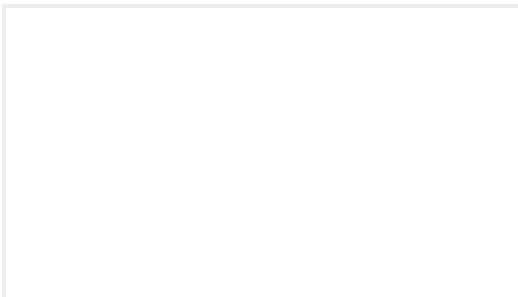
TE Part #3-1983663-1
REC. CONTACT MULTI 6P CONNECTOR



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



TE Part #3-1983661-1
TAB CONTACT MULTI 6P CONNECTOR



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

Documents

Product Drawings

2P Plug Housing

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1983660-1_C.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1983660-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1983660-1_C.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[VDE Certificate](#)

English