

Power Double Lock

TE Internal #: 2005252-1

Housing, Plug, Crimp, Wire-to-Wire, UL 94V-0, 6 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 Retention Within Housing: **Without**

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

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
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 Positions	6
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 Layout	Matrix
Contact Type	Receptacle
Contact Retention Within Housing	Without

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	PA 66
Centerline (Pitch)	6.5 mm[.255 in]

Dimensions

Row-to-Row Spacing	6.5 mm[.256 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 & Signal
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Industry Standards

Compatible With Agency/Standards Products	CNR, USR
Compatible With Approved Standards Products	CSA/C22.2 No. 182.3-M1987, UL 1977
Glow Wire Rating	GWT 750°C (Without Flame)
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Bag
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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 2024 (241)




Candidate List Declared Against: JUNE 2024 (241)  
Does not contain REACH SVHC

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer




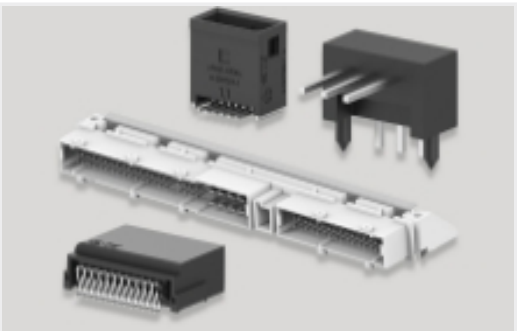
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 179862-1  
AMP POWER D/LOCK PLUG HSG 6P

Also in the Series | Power Double Lock

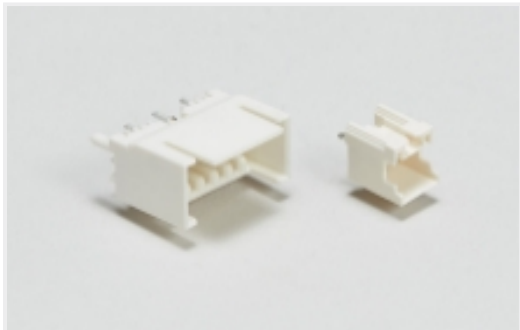
			
Connector Contacts(24)	Connector Hardware(14)	Insertion & Extraction Tools(2)	PCB Headers & Receptacles(43)



Power Contacts(24)

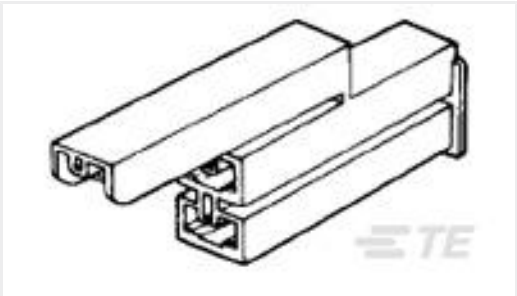


Rectangular Power Connectors(283)

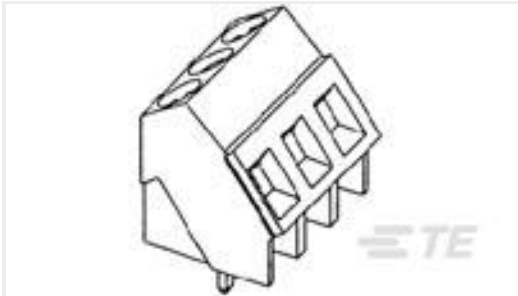


Wire-to-Board Headers & Receptacles (43)

Customers Also Bought



TE Part #1-172075-1  
3 POS PL 187(4.8 MM) HOUSING NATURAL



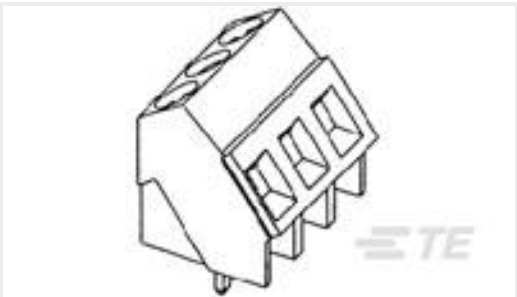
TE Part #796690-2  
TERMI-BLOK PCB MOUNT 2P



TE Part #683129-000  
FLHTC0311-18-0



TE Part #5-316501-1  
POWER D/LOCK PLUG HG 4P NAT (GWT)



TE Part #1-796690-2  
TERMI-BLOK PCB MOUNT 12P



TE Part #170043-2  
110 FASTON,REC.,24-20 AWG,TPBR



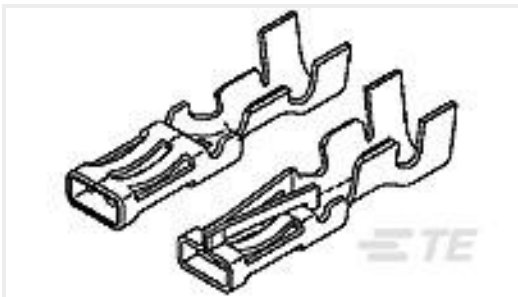
TE Part #1744036-2  
02P ECONOMY POWER .200 CL HSG



TE Part #2238136-2  
RECEPTACLE, POSITIVE-LOCK, RAST 6.35



TE Part #2-2176325-2  
CRGP 0402 560R 1%



TE Part #770642-1  
TIMER CONNECTOR TERMINAL 20-14 AWG PTPBR

Documents

Product Drawings

PDL 6P PLUG 6.5 D/R(GWT) NAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2005252-1\_B1.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_2005252-1\\_B1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2005252-1\\_B1.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English