



Power Double Lock

TE Internal #: 2005252-1

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 6 Position, 6.5 mm [.255 in] Centerline, Wire & Cable, UL 94V-0, Power Double Lock

[View on TE.com >](#)

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



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **6**

Centerline (Pitch): **6.5 mm [.255 in]**

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

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
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	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	300 VAC
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Contact Features

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Contact Layout	Matrix
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	Natural
Housing Material	PA 66

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

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

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 2023 (235)



Candidate List Declared Against: JAN 2023
(233)


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(1)



Insertion & Extraction Tools(2)



Power Contacts(23)



Rectangular Connector Locking(14)

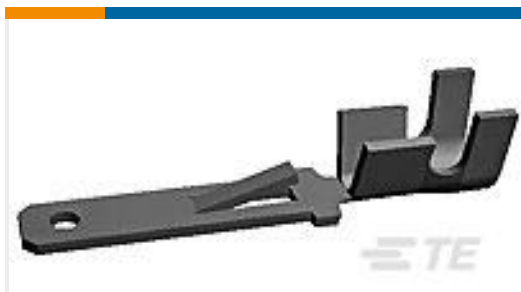


Rectangular Power Connectors(284)

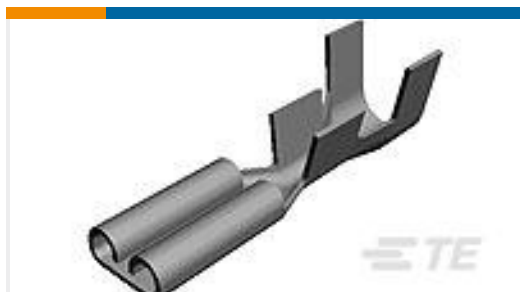
Customers Also Bought



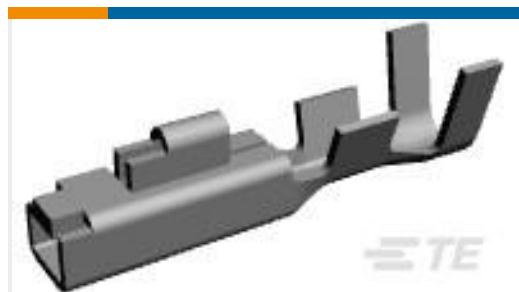
TE Part #1744036-2
02P ECONOMY POWER .200 CL HSG



TE Part #60701-1
FF 250 TAB 14-10AWG TPBR



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



TE Part #175151-2
AMP UNIVE. POWER CONN REC CONT



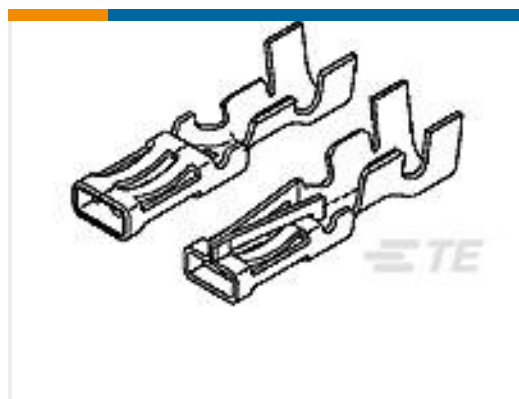
TE Part #2238135-2
RECEPTACLE, POSITIVE-LOCK, RAST 6.35



TE Part #2299280-2
POD-LOK 250 FLAG AWG 16-14 PTPBR GF



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



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



TE Part #2232327-2
CLUSTER BLOCK HSG .090 DIA



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

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

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

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English