5-177899-1 ✔ ACTIVE

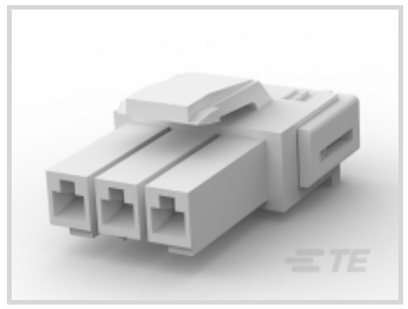
Power Double Lock

TE Internal #: 5-177899-1

3 Position, Plug, Housing, Crimp, Wire-to-Wire, UL 94V-0, 3.96 mm [.156 in] Centerline, 1 Row, 300 VAC, Wire & Cable, Power, Power Double Lock

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

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	3
Number of Rows	1
Number of Power Positions	3
Number of Signal Positions	0

Electrical Characteristics

Operating Voltage	300 VAC

Body Features

Primary Product Color	Natural

Contact Features

Contact Retention Within Housing	Without
Contact Type	Receptacle

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
Housing Material	Nylon 6/6

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Circuit Application	Power

Industry Standards

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

Packaging Features

Packaging Quantity	400
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250)

	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 # 177907-1
POWER DBL LOCK CAP P/M 3P



TE Part # 177919-1
POWER DBL LOCK PLATE 3P



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



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

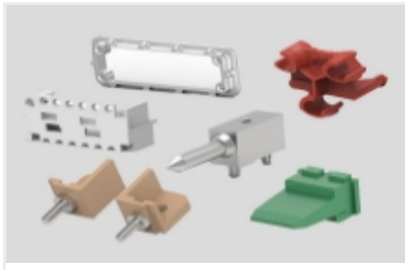


TE Part # 179464-1
POWER DBL LOCK CAP HSG F/H 3P

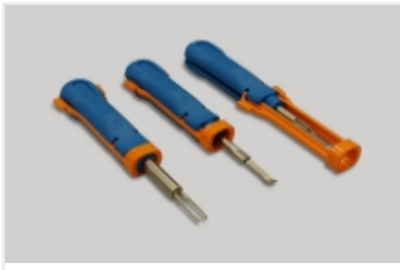
Also in the Series | Power Double Lock



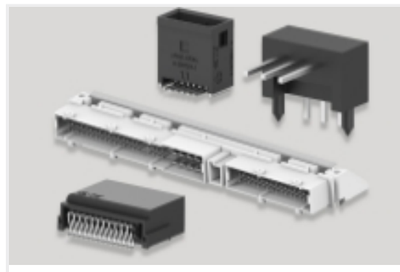
Connector Contacts(24)



Connector Hardware(14)



Insertion & Extraction Tools(2)



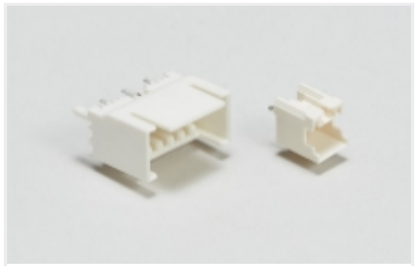
PCB Headers & Receptacles(43)



Power Contacts(24)



Rectangular Power Connectors(276)



Wire-to-Board Headers & Receptacles (43)

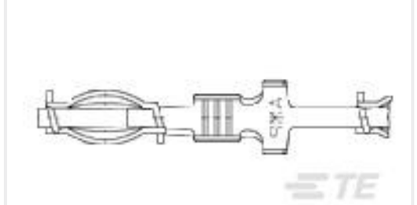
Customers Also Bought



TE Part #41728
250 FASTON REC 16-12 AWG TPBR



TE Part #63677-1
312 FASTON REC 16-12 AWG TPBR



TE Part #5-170063-2
CLUSTER REC



TE Part #170326-1
187 PL MKII REC. 18-14AWG PTBR



TE Part #175020-1
250 PL EX REC. 22-18AWG PTBR



TE Part #177918-1
POWER DBL LOCK PLATE 2P



TE Part #917684-1
2.5 SIGNAL DBL LOCK REC CONT M



TE Part #917702-1
2.5 SGNAL D//LOCK D.L.P 6P



TE Part #2-2005820-9
CLUSTER BLOCK 3P CLIP HSG(GWT)



TE Part #2-1743216-1
GAS VALVE 2P HSG GWT

Documents

Product Drawings

POWER DBL LOCK PLUG HSG 3P(GWT)

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-177899-1_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-177899-1_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-177899-1_P.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

Instruction Sheets

Instruction Sheet (non U.S.)

English

AMP POWER DOUBLELOCK CONNECTOR SERIES

English

Agency Approvals

CSA Certificate

English