

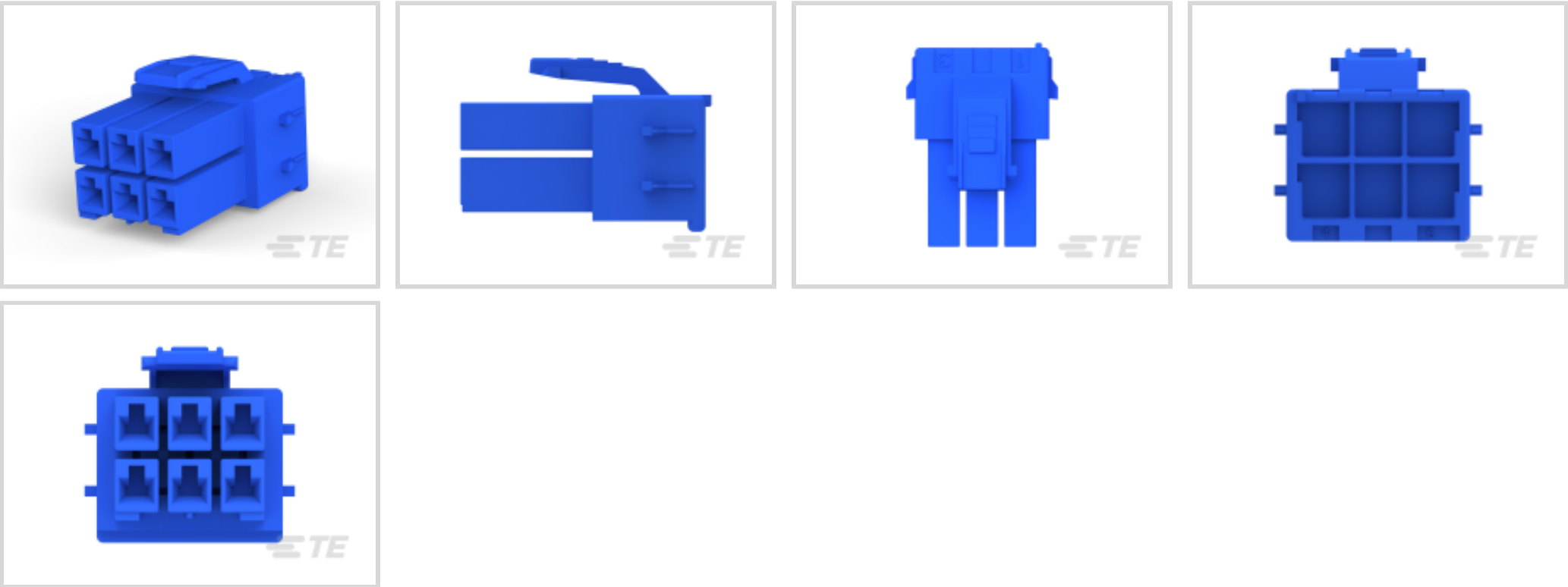


Power Double Lock

TE Internal #: 368576-6
Housing, Plug, Crimp, Wire-to-Board / 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-Board, 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-Board, 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	Blue
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Contact Features

Multiple Contact Types	Without
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)	3.96 mm[.156 in]

Dimensions

Row-to-Row Spacing	4.6 mm[.181 in]
Connector Width	10.6 mm
Connector Height	20.6 mm[.811 in]
Connector Length	13.9 mm

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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Identification Marking

Circuit Identification Feature	Without
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Industry Standards

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

Packaging Features

Packaging Quantity	200
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	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 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 # 179841-6
AMP POWER D/LOCK T/HDR ASSY 6P




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




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



TE Part # 368588-6
PDL 6P CAP 3.96 D/R P/M(GWT) B



TE Part # 2005253-6
PDL 6P CAP 3.96 D/R F/H(GWT) B

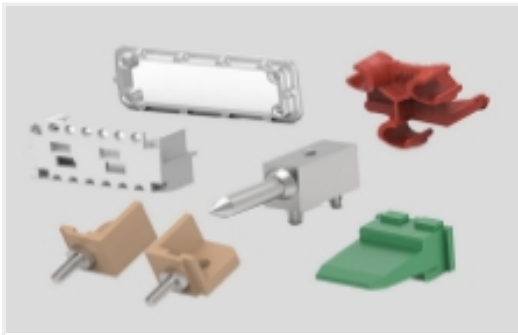


TE Part # 177915-9
POWER DBL LOCK REC CONT

Also in the Series | Power Double Lock



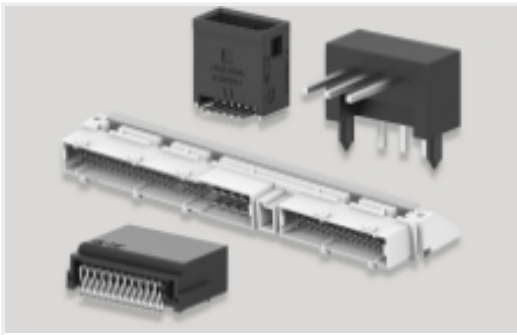
Connector Contacts(24)



Connector Hardware(14)



Insertion & Extraction Tools(2)



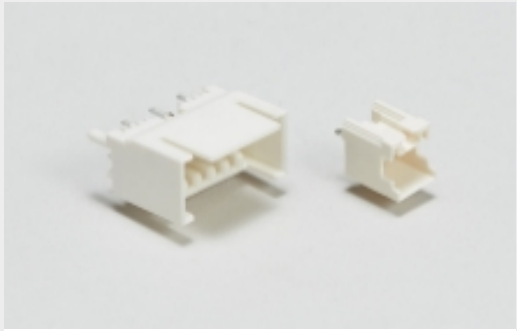
PCB Headers & Receptacles(43)



Power Contacts(24)



Rectangular Power Connectors(283)



Wire-to-Board Headers & Receptacles (43)

Customers Also Bought



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



TE Part #2232902-1
AMP POWER DBL LOCK REC (S)



TE Part #1-368587-1
PDL 4P CAP 3.96 D/R F/H(GWT) N



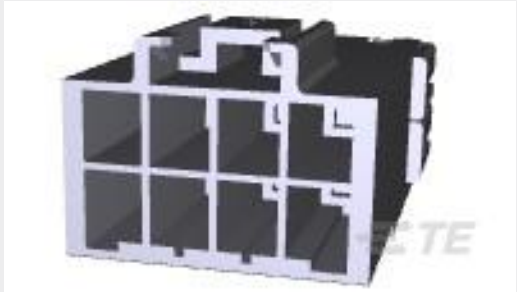
TE Part #1744417-4
4 POS EP 2.5 HSG, GLOW WIRE



TE Part #6-1971775-3
PTL 2X3 CAP PANEL MT HIGH TEMP KEY B RED



TE Part #5-1969536-6
HSG,RECP,POSILOK MKIII ,250SER,3P, 2CIR



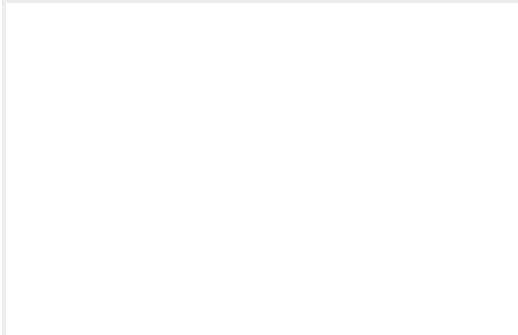
TE Part #1971600-1
POWER DBL LOCK CAP HSG 8P(GWT)



TE Part #2331088-2
250 PL MII HSG. REC. 13MM2P BLACK



TE Part #2331225-1
187 PL EX REC. 20-14AWG PTBR



TE Part #2318468-1
2.5 SMC RECEPTACLE CONTACT

Document



Product Drawings

PDL 6P PLUG 3.96 D/R(GWT) BLU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_368576-6_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_368576-6_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_368576-6_D.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English