368576-6 ✔ ACTIVE

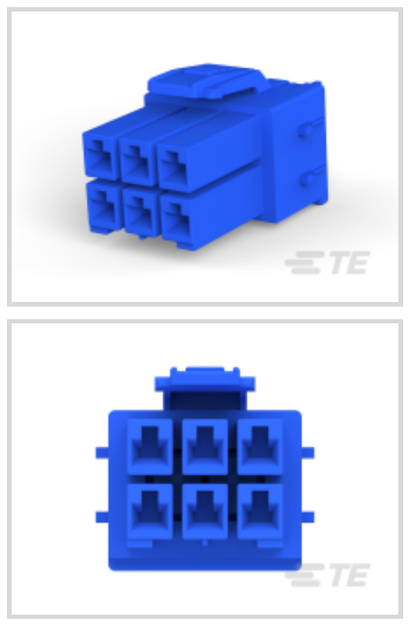
Power Double Lock

TE Internal #: 368576-6

Rectangular Power Connectors, Housing, Plug, Wire-to-Board / Wire-to-Wire, 6 Position, 3.96 mm [.156 in] Centerline, Wire & Cable, 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-Board, Wire-to-Wire**

Number of Positions: **6**

Centerline (Pitch): **3.96 mm [.156 in]**

All Glow Wire Power Double Lock Plug (55)

Features

Product Type Features

Rectangular Power Connector 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

Contact Features

Multiple Contact Types	Without

Contact Layout	Matrix
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 Color	Blue
Housing Material	PA 66

Dimensions

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

Usage Conditions

Operating Temperature Range	-30 - 65 °C[-22 - 149 °F]

Operation/Application

Circuit Application	Power & Signal

Identification Marking

Circuit Identification Feature	Without

Industry Standards

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

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 2024 (240) Candidate List Declared Against: JAN 2020 (205) 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



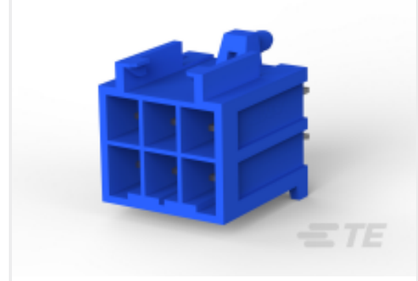
TE Part # 177919-1
POWER DBL LOCK PLATE 3P



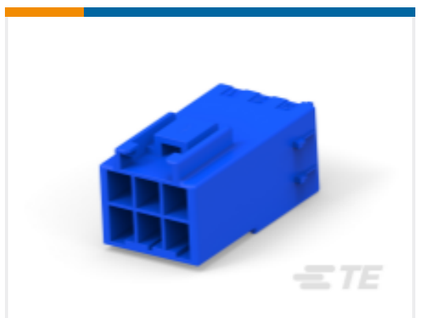
TE Part # CAT-P87024-R2435
Power Double Lock Receptacle



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



TE Part # 179841-6
AMP POWER D/LOCK T/HDR ASSY 6P



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)

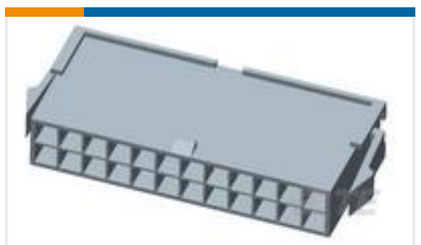


Insertion & Extraction Tools(2)



Rectangular Power Connectors(283)

Customers Also Bought



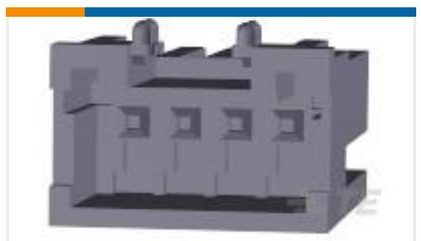
TE Part # 1969613-4
4P PM PLUG VAL-U-LOK V0



TE Part # 62896-1
MAG-MATE POKE-IN TAB 018 PTPBR



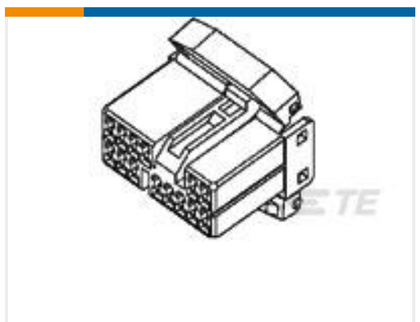
TE Part # 63604-1
250 FASTON FLAG REC 18-12 AWG NPST



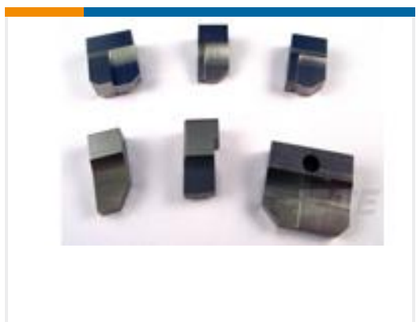
TE Part # 316088-2
2.5MM SIGNAL DBL LOCK 4P CAP H



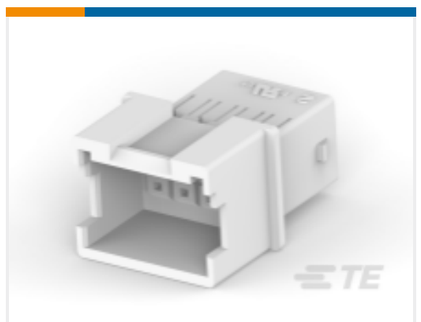
TE Part # 1326031-7
2.8MM BLD,SEAL,20AWG,REVREEL



TE Part # 917531-1
040 MLC T.F. PLUG HSG 14P NATU



TE Part # 1633917-1
ANVIL COMBINATION



TE Part # 2324201-8
HSG,REC,FREE HANGING,GWT, DUALROW,EP2.5

TE Part # 1-1241961-9
STD TIMER PLUG HSG 3P MK2



TE Part # 8-1633383-6
ANVIL, COMBINATION

Documents

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