



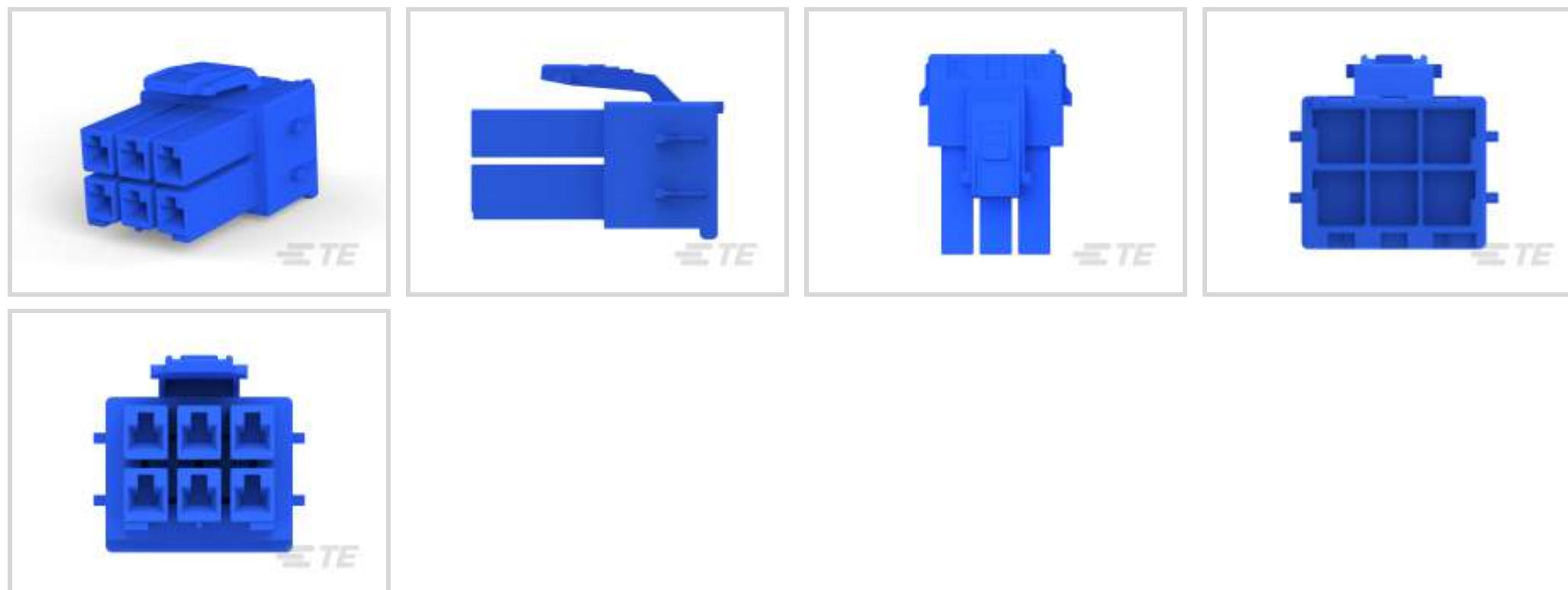
Power Double Lock

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: JUNE 2023 (235) 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

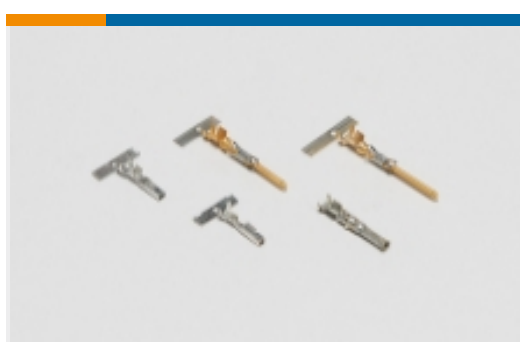
Also in the Series | Power Double Lock



Connector Contacts(1)



Insertion & Extraction Tools(2)



Power Contacts(23)



Rectangular Connector Locking(14)

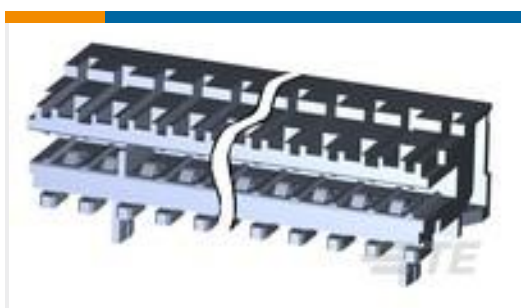


Rectangular Power Connectors(284)

Customers Also Bought



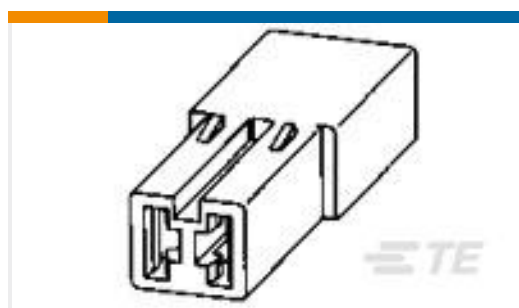
TE Part #6-1971775-3
PTL 2X3 CAP PANEL MT HIGH TEMP
KEY B RED



TE Part #3-1534796-5
AMP DUOPLUG MK2 CONNECTOR 5P



TE Part #3-1971794-1
NEW GI CONN2.5 TPA 3P BLACK



TE Part #280543
FF 250 REC HSG 2P NYLON NAT



TE Part #794742-1
12P UMNL PLUG HSG NATL



TE Part #1-1969442-3
EP 2.5 TPA Housing, 13 Pos



TE Part #521229-1
PL 250 HOUSING RECEPTACLE
NYLON 6/6



TE Part #1534072-4
MULTIF.ASSY MK2 4POS, AR



TE Part #3-1534799-3
AMP DUOPLUG MARK II CONNEC.
SELEC.LOADED



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

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

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

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English