



Power Double Lock

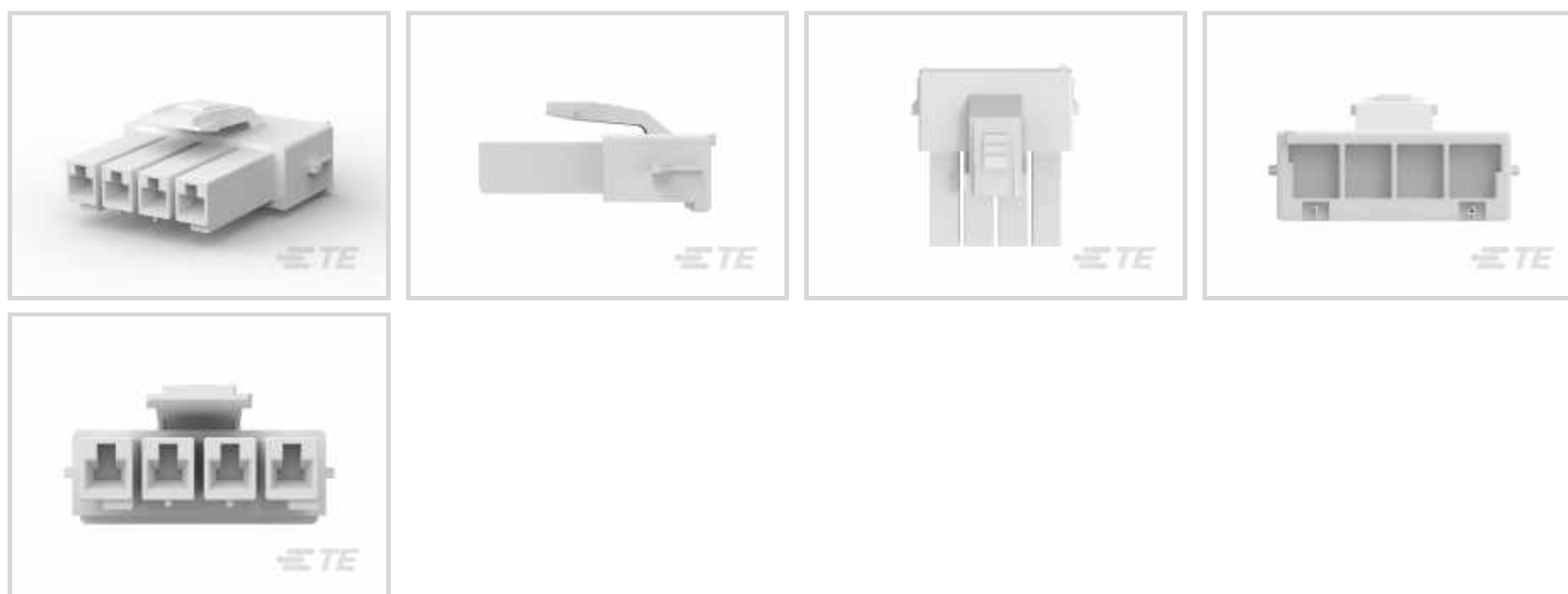
TE Internal #: 2005251-1

TE Internal Description: PDL 4P PLUG 3.96 S/R(GWT) NAT

Glow Wire Power Double Lock Plug

[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: **4**

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

[All Glow Wire Power Double Lock Plug \(54\)](#)

Features

Product Type Features

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	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	300 VAC
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Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without



Contact Type	Socket
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Termination Features

Termination Method to Wire & Cable	Crimp
Wire/Cable Type	Discrete Wire
Wire Type	Stranded

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Centerline (Pitch)	3.96 mm [.156 in]
Housing Color	Natural
Housing Material	PA 66

Usage Conditions

Operating Temperature Range	-30 – 65 °C [-22 – 149 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

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

Packaging Features

Packaging Method	Bag
Packaging Quantity	250

Other

For Use With	Cap (GWT): 1971599, Contacts: 177914 or 177915, Double Lock Plate 177920-1
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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: JAN 2020 (205)
 Candidate List Declared Against: JAN 2020 (205)
 Does not contain REACH SVHC

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2020 (205)
 Candidate List Declared Against: JAN 2020 (205)

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

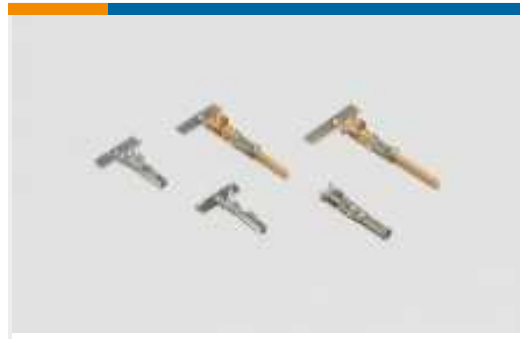


TE Model / Part # CAT-P87024-P729
 STD Temp Power Double Lock Plug

Also in the Series | [Power Double Lock](#)



Connector Contacts(1)



Power Contacts(18)



Rectangular Connector Locking(14)



Rectangular Power Connectors(279)

Customers Also Bought



TE Model / Part #1-1744417-1
11 POS EP 2.5 HSG, GLOW WIRE



TE Model / Part #2321922-3
REAR WIRE SEAL 3PIN



TE Model / Part #2321928-1
TAB TERMINAL SDL2.5 WATERPROOF



TE Model / Part #2321920-3
PERIMETER SEAL PLUG HOUSING
3PIN



TE Model / Part #2321922-4
REAR WIRE SEAL 4PIN



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



TE Model / Part #1534415-8
DUOPL POW FEM CON8P



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



TE Model / Part #1-2323743-0
HOUSING, PLUG, GWT, 10P, DUAL
ROW, EP2.5

Documents

Product Drawings

PDL 4P PLUG 3.96 S/R(GWT) NAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2005251-1_A_c-2005251-1-a.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2005251-1_A_c-2005251-1-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2005251-1_A_c-2005251-1-a.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

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Agency Approvals

[UL Report](#)

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