

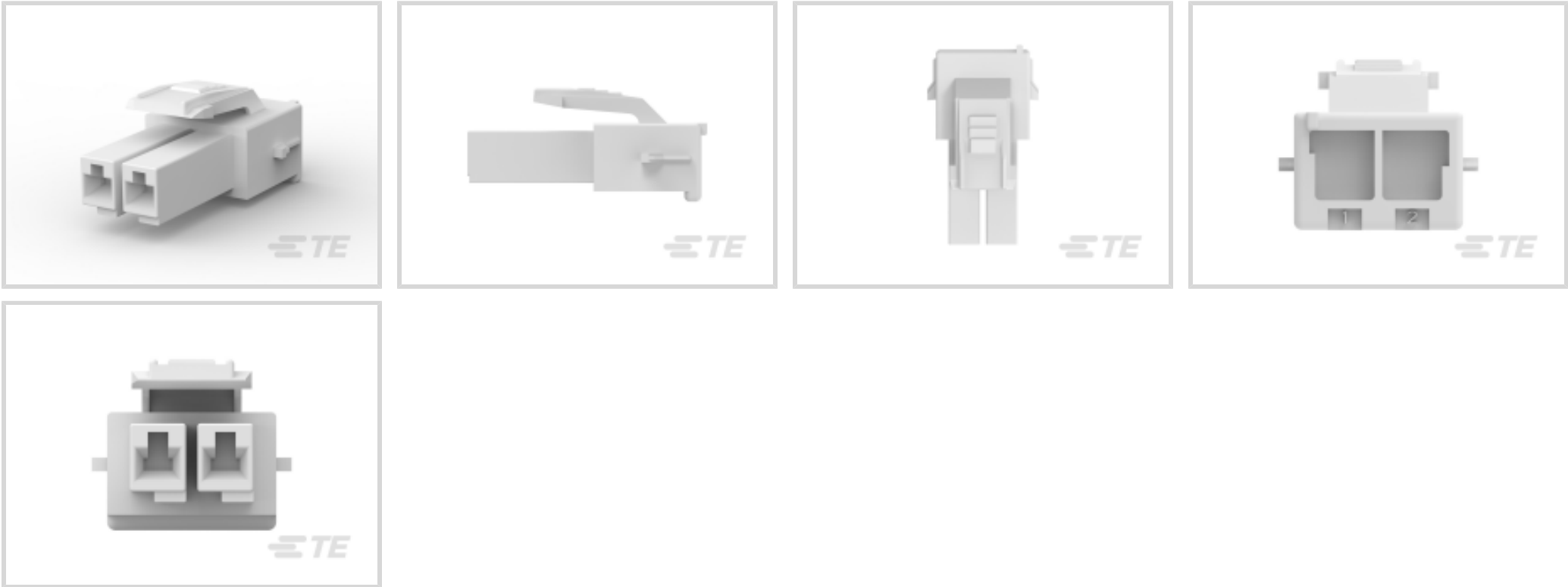


Power Double Lock

TE Internal #: 2005247-1
Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 2
Position, .156 in [3.96 mm] Centerline, Wire & Cable, UL 94V-0,
Power Double Lock

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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: **2**
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-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Power Positions	0
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VAC, 300 VAC
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Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Receptacle

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	500

Other

For Use With	Cap (GWT): 2005248 or 2005249, Contacts: 177914 or 177915, Double Lock Plate 177918-1 or (GWT) 368590-1
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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: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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 # 177898-1
POWER DBL LOCK PLUG HSG 2P



TE Part # 2005249-9
PDL 2P CAP 3.96 P/M(GWT) BLK



TE Part # 2005248-9
PDL 2P CAP 3.96 F/H (GWT) BLK

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 #2005249-1
PDL 2P CAP 3.96 P/M(GWT) NAT

TE Part #5-177898-1
Glow Wire Power Double Lock Plug

TE Part #5-179463-1
POWER DBL LOCK CAP HSG F/H 2P (GWT)

TE Part #5-179464-1
POWER DBL LOCK CAP HSG F/H 3P (GWT)

TE Part #1743729-1
FG TERMINAL

TE Part #2-1743068-1
187 HSG. PL MKII REC. 5mm 3P NAT

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

TE Part #2-1743217-1
GAS VALVE 3P HSG GWT

Documents

Product Drawings
PDL 2P PLUG 3.96(GWT) NAT

English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2005247-1_B.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2005247-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2005247-1_B.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

[MD_2005247-1_11012017340_dmtec](#)

English

[MD_2005247-1_11012017340_dmtec](#)

English

Agency Approvals

[UL Report](#)

English