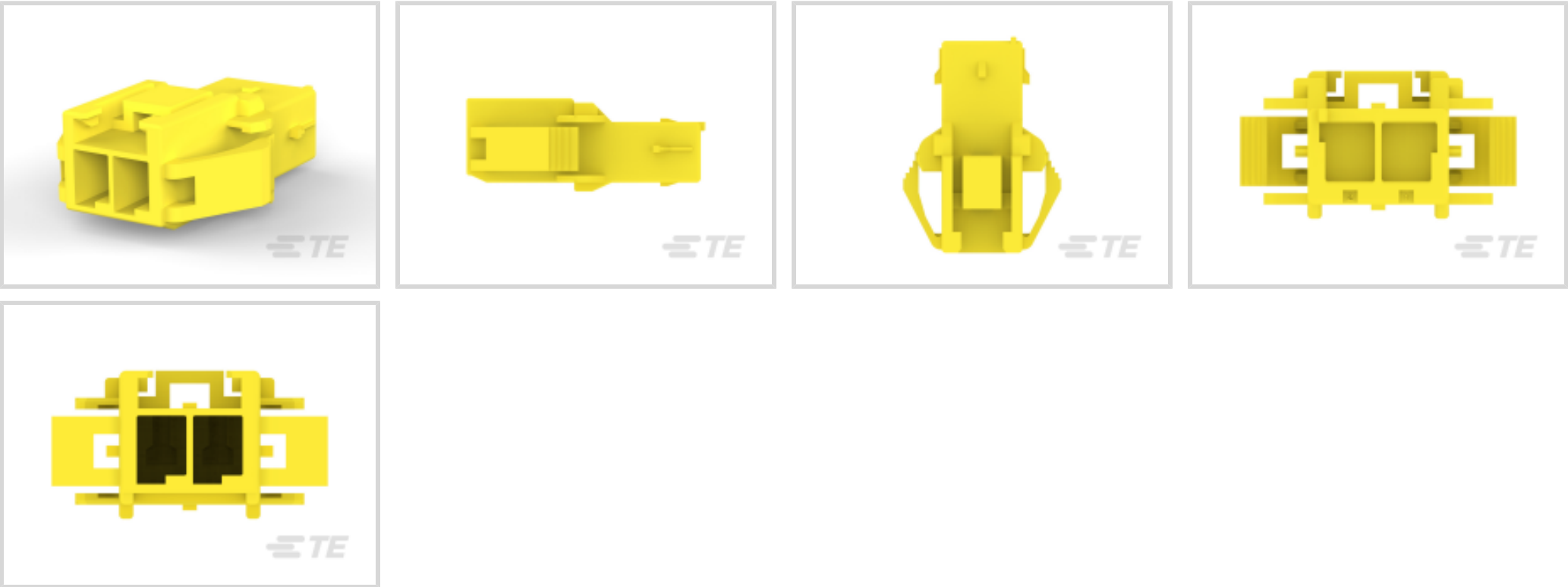# 2005249-4 ✔ ACTIVE

Power Double Lock

TE Internal #: 2005249-4

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Panel / Wire-to-Wire, 2 Position, .156 in [3.96 mm] Centerline, Power Double Lock

View on TE.com >

Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Panel, Wire-to-Wire**

Number of Positions: **2**

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

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Panel, 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

Contact Features

Contact Layout	Inline

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Contact Retention Within Housing	Without
Contact Type	Tab

Termination Features

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

Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Latches
Connector Mounting Type	Panel Mount

Housing Features

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

Dimensions

Height	9.94 mm
Panel Thickness	.8 – 2 mm[.031 – .078 in]
Length	26.1 mm

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

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

Other

For Use With	Contacts: 177916 or 177917, Double Lock

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Rectangular Power Connectors, Housing, Receptacle, Wire-to-Panel / Wire-to-Wire, 2 Position, .156 in [3.96 mm] Centerline, Power Double Lock

	Plate 177918-1 or (GWT) 368590-1, Plug (GWT): 2005247

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 # 2005247-4
PDL 2P PLUG 3.96(GWT) YEL

TE Part # 177906-4
POWER DBL LOCK CAP HSG P/M 2P

TE Part # 2005247-9
PDL 2P PLUG 3.96(GWT) BLK

Also in the Series | Power Double Lock

2005249-4

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Panel / Wire-to-Wire, 2 Position, .156 in [3.96 mm] Centerline, 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 #1-368589-6
PDL 4P CAP 3.96 D/R P/M(GWT) B

TE Part #2005250-1
PDL 3P CAP 3.96 P/M(GWT) NAT

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

TE Part #1-368575-6
Glow Wire Power Double Lock Plug

TE Part #2005249-6
PDL 2P CAP 3.96 P/M(GWT) BLU

TE Part #1-368589-4
PDL 4P CAP 3.96 D/R P/M(GWT) Y

Documents

Product Drawings
PDL 2P CAP 3.96 P/M(GWT) YEL

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_2005249-4_B.2d_dxf.zip

2005249-4

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Panel / Wire-to-Wire, 2 Position, .156 in [3.96 mm] Centerline, Power Double Lock

English

Customer View Model

ENG_CVM_CVM_2005249-4_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2005249-4_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

Product Compliance

English

Product Compliance

English

Agency Approvals

UL Report

English