2005247-4 ✔ ACTIVE

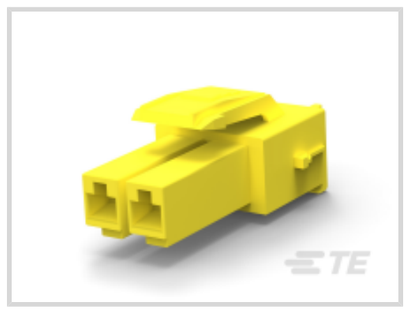
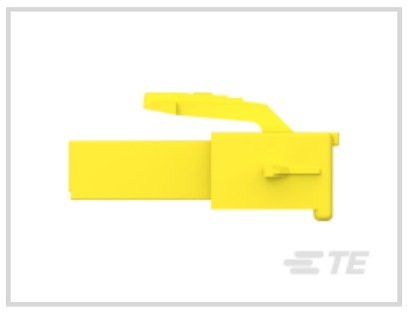
Power Double Lock

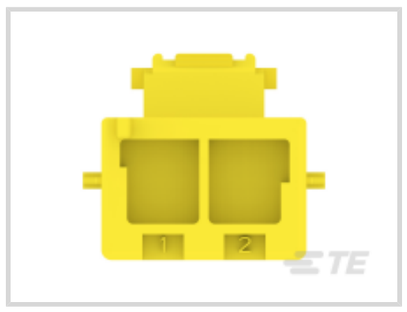
TE Internal #: 2005247-4

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 2 Position, 3.96 mm [.156 in] Centerline, Wire & Cable, UL 94V-0, 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-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

Contact Features

Multiple Contact Types	Without
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	Yellow
Housing Material	PA 66

Dimensions

Connector Height	20.6 mm[.811 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	500
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: JUNE 2023 (235) 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



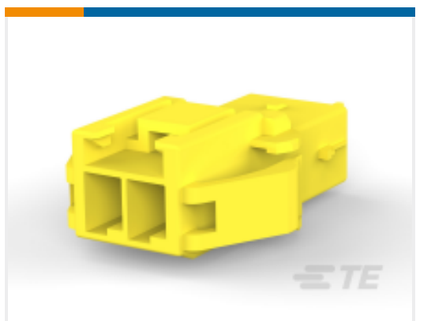
TE Part # CAT-P87024-R2435
Power Double Lock Receptacle



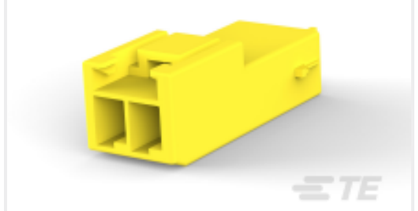
TE Part # CAT-P87024-T111
Power Double Lock Tab



TE Part # 2005248-1
PDL 2P CAP 3.96 F/H(GWT) NAT



TE Part # 2005249-4
PDL 2P CAP 3.96 P/M(GWT) YEL



TE Part # 2005248-4
PDL 2P CAP 3.96 F/H(GWT) YEL

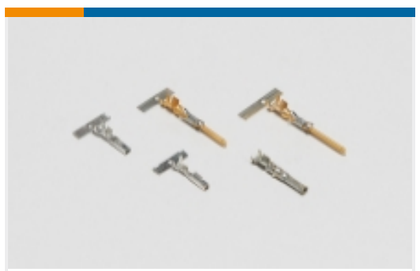
Also in the Series | Power Double Lock



Connector Contacts(1)



Insertion & Extraction Tools(2)



Power Contacts(23)



Rectangular Connector Locking(14)



Rectangular Power Connectors(284)

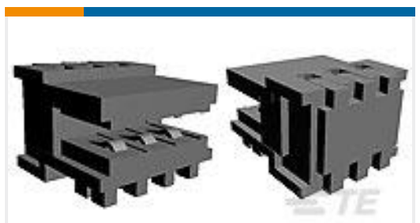
Customers Also Bought



TE Part #177917-1
AMP POWER DBL LOCK TAB (L)



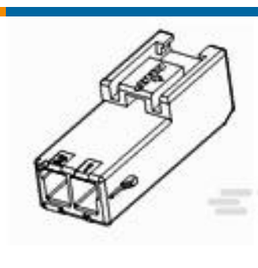
TE Part #1-368589-1
PDL 4P CAP 3.96 D/R P/M(GWT) N



TE Part #1-966194-3
16X3P FEDERLEIS 2,5



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



TE Part #2005248-4
PDL 2P CAP 3.96 F/H(GWT) YEL

Documents

Product Drawings

PDL 2P PLUG 3.96(GWT) YEL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2005247-4_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2005247-4_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2005247-4_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