

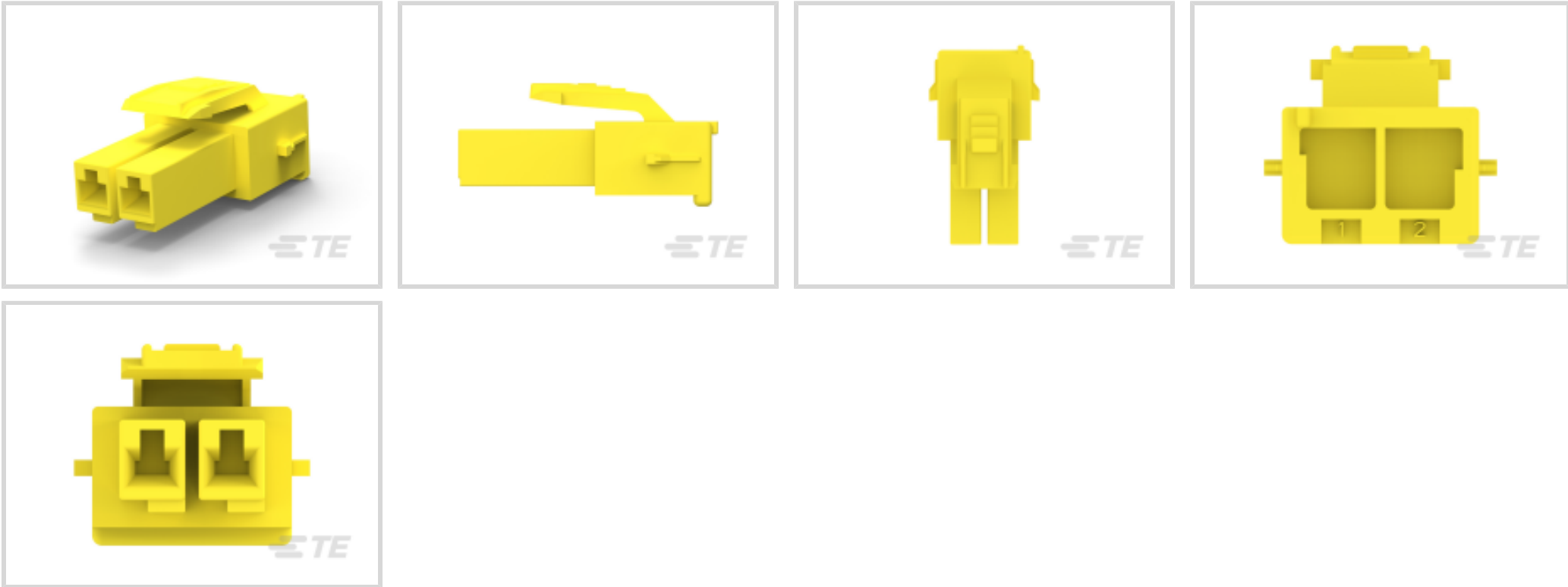


Power Double Lock

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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(24)



Connector Hardware(14)



Insertion & Extraction Tools(2)



Rectangular Power Connectors(283)

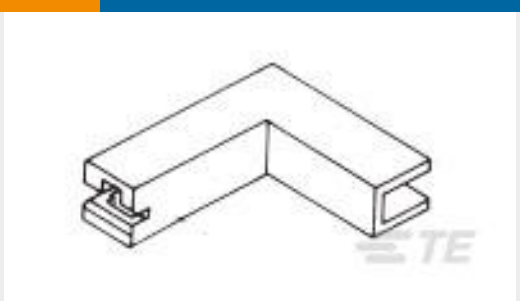
Customers Also Bought



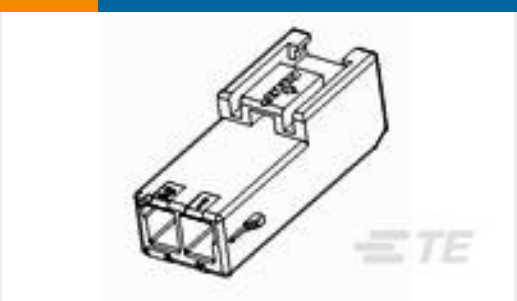
TE Part # 177917-1
AMP POWER DBL LOCK TAB (L)



TE Part # 177906-1
POWER DBL LOCK CAP HSG P/M 2P



TE Part # 360040-1
110 FASTON HSG., FLAG, REC., 1 POS, NATURAL



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

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Product Specifications

Application Specification

English