



Relays, Contactors & Switches > Switches > Toggle Switches



Configuration (Pole-Throw): **Double Pole - Double Throw**

Bushing Thread Size: **15/32-32 UNS-2A**

Sealed: **Yes**

Contact Base Material: **Copper**

Switch Contact Plating Material: **Silver**

## Features

### Product Type Features

|                  |                    |
|------------------|--------------------|
| Product Type     | Switch             |
| Sealed           | Yes                |
| Toggle Style     | Large with Bushing |
| Switch Type      | Toggle             |
| Toggle Actuation | Vertical           |

### Configuration Features

|                            |                            |
|----------------------------|----------------------------|
| Configuration (Pole-Throw) | Double Pole - Double Throw |
| Operating Function         | (On) Off (On)              |

### Electrical Characteristics

|                       |                 |
|-----------------------|-----------------|
| Dielectric Strength   | 1000 VAC        |
| Insulation Resistance | 1000 MΩ         |
| Contact Resistance    | 10 mΩ           |
| Voltage Rating        | 125 VAC, 28 VDC |

### Body Features

|                     |                       |
|---------------------|-----------------------|
| Actuator Finish     | Nickel                |
| Bushing Thread Size | 15/32-32 UNS-2A       |
| Seal Type           | Terminal Seal (Epoxy) |
| Bushing Style       | Unthreaded            |

### Contact Features

|  |  |
|--|--|
|  |  |
|--|--|

|                                 |        |
|---------------------------------|--------|
| Contact Base Material           | Copper |
| Switch Contact Plating Material | Silver |
| Contact Current Rating          | 5 A    |

### Termination Features

|                  |           |
|------------------|-----------|
| Termination Type | Wire Lugs |
|------------------|-----------|

### Mechanical Attachment

|               |        |
|---------------|--------|
| Mounting Type | Solder |
|---------------|--------|

### Housing Features

|                |    |
|----------------|----|
| Process Sealed | No |
|----------------|----|

### Dimensions

|               |                           |
|---------------|---------------------------|
| Toggle Length | 12.4 mm[.49 in]<br>.28 in |
|---------------|---------------------------|

### Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

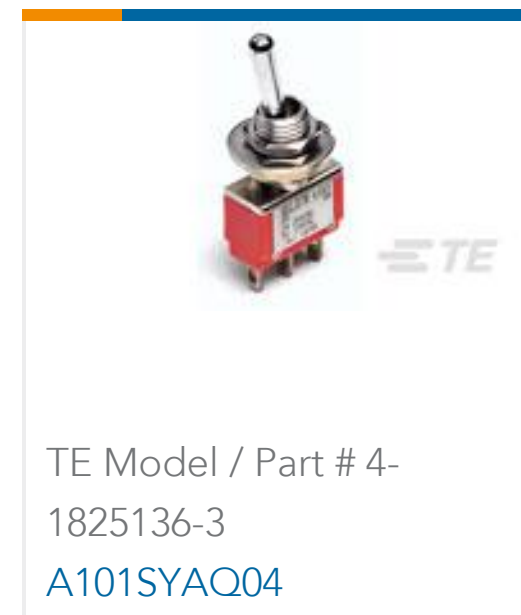
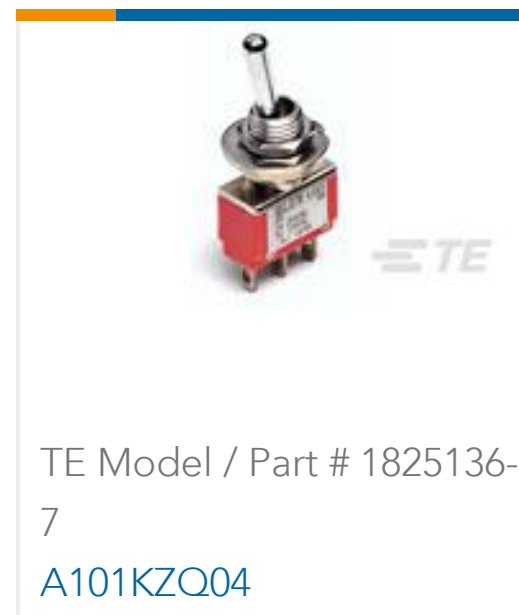
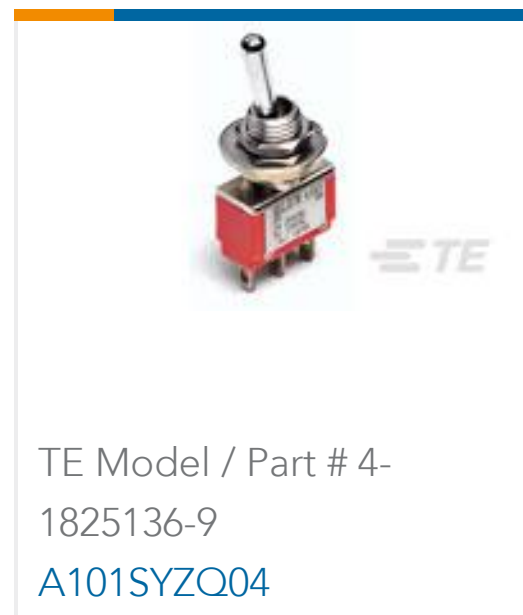
|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Compliant with Exemptions   |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold  |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUL 2019 (201)<br>Candidate List Declared Against: JUL 2019 (201)<br>Pb (3.7% in Component Part) |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUL 2019 (201)<br>Candidate List Declared Against: JUL 2019 (201)                                |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free   |
| Solder Process Capability                     | Wave solder capable to 265°C  |

#### Product Compliance Disclaimer

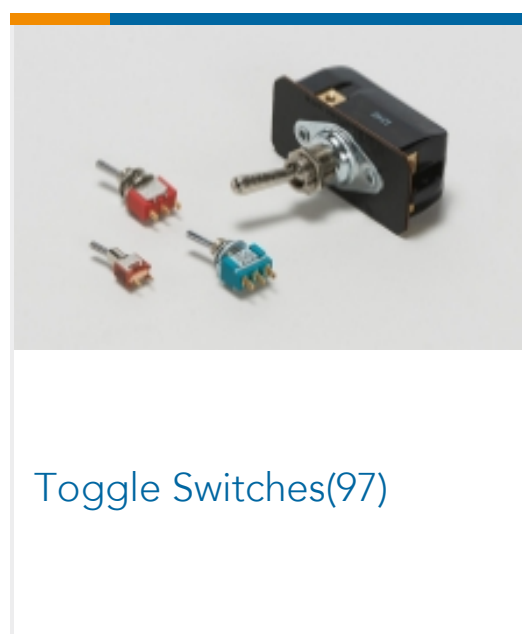
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as

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



## Also in the Series | [Alcoswitch Gemini A](#)



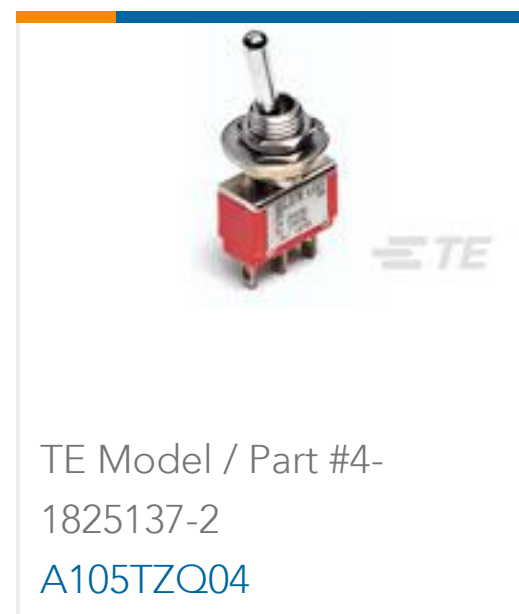
## Customers Also Bought



TE Model / Part #2834090-1  
5.08MM SIDE ENTRY MSC  
2P\_GY



TE Model / Part #6-  
1614893-9  
CPF 0805 69K8 0.1%  
25PPM 1K RL



TE Model / Part #4-  
1825137-2  
A105TZQ04



TE Model / Part #2176080-1  
EP 9W 10R 5%



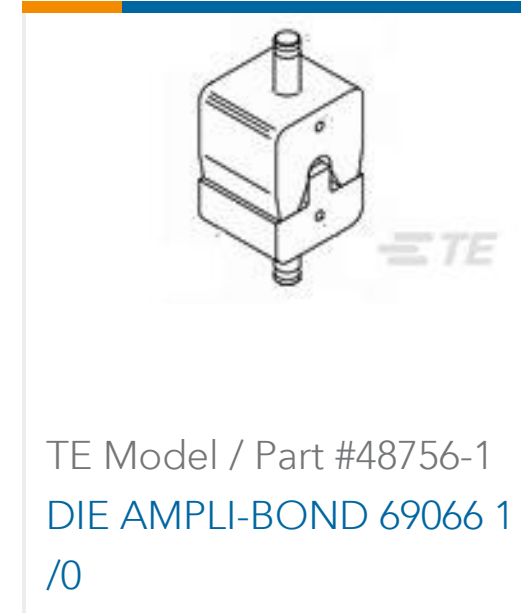
TE Model / Part #NB-  
PTCO-156  
PTFM101T1G0:PT100,1.2  
X4.0,T



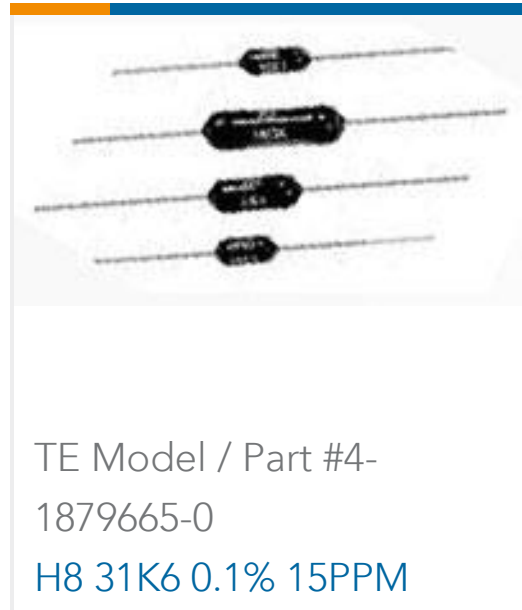
TE Model / Part #6-  
1614891-3  
CPF 0805 324R 0.1%  
25PPM 1K RL



TE Model / Part #9-  
1614889-9  
CPF 0805 5R36 0.1%  
25PPM 1K RL



TE Model / Part #48756-1  
DIE AMPLI-BOND 69066 1  
/0



TE Model / Part #4-  
1879665-0  
H8 31K6 0.1% 15PPM



TE Model / Part #8-  
2176412-0  
5W XSM M/OX 5% 10K

## Documents

### Product Drawings

[A205T1ZQ04](#)

English

### Datasheets & Catalog Pages

[SWITCHES\\_CORE\\_PROGRAM\\_CATALOG](#)

English

[GEMINI\\_SERIES\\_SWITCHES\\_QUICK\\_REF\\_GUIDE\\_2-1773458-5](#)

English

### Product Environmental Compliance

[REACH Substance Communication Document](#)

English