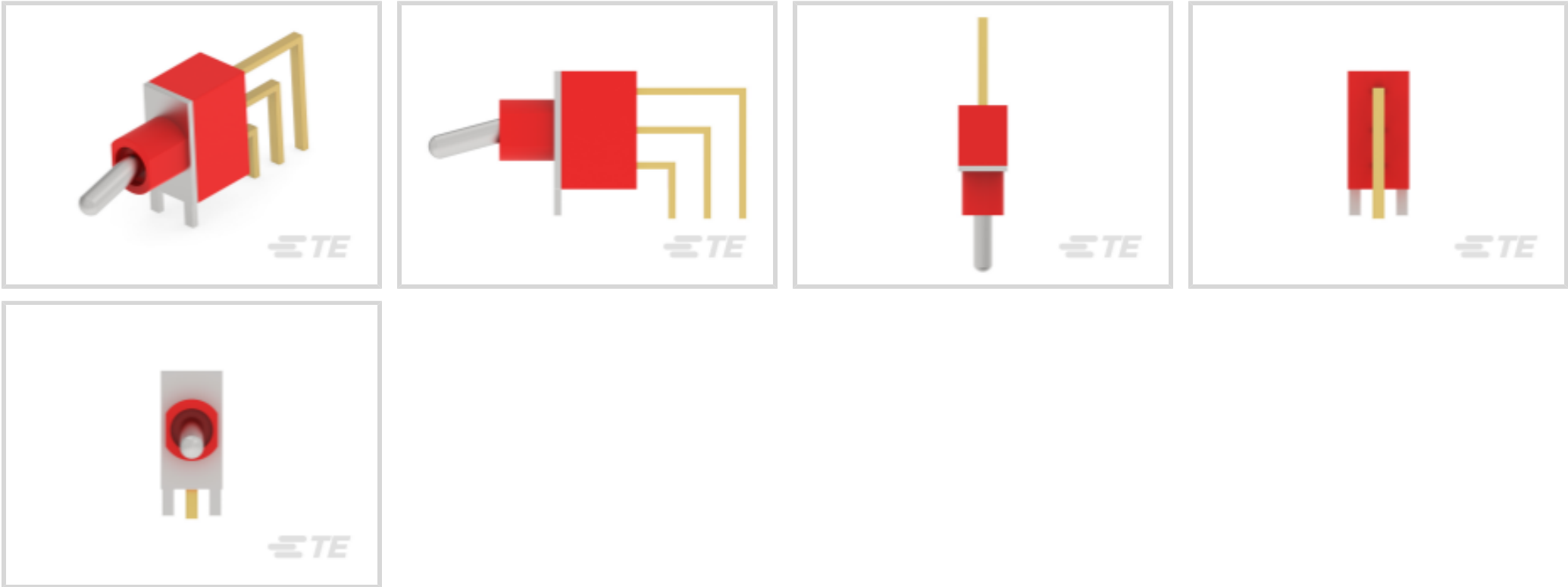




Switches > Toggle Switches



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

Operating Function: **On Off (On)**

Number of Positions: **3**

Contact Current Rating: **.4 A**

Operating Voltage: **20 VDC**

Features

Product Type Features

|               |               |
|---------------|---------------|
| Sealed Device | Yes           |
| Toggle Style  | Baton Short   |
| Switch Type   | Toggle Switch |

Configuration Features

|                            |                            |
|----------------------------|----------------------------|
| Configuration (Pole-Throw) | Single Pole - Double Throw |
| Operating Function         | On Off (On)                |
| Number of Positions        | 3                          |

Electrical Characteristics

|                                       |          |
|---------------------------------------|----------|
| Contact Resistance                    | 10 mΩ    |
| Insulation Resistance                 | 1000 MΩ  |
| Dielectric Withstanding Voltage (Max) | 1000 VAC |
| Contact Current Rating                | .4 A     |
| Operating Voltage                     | 20 VAC   |

Body Features



|                     |                      |
|---------------------|----------------------|
| Actuator Finish     | Nickel               |
| Product Orientation | Vertical Right Angle |
| Bushing Style       | Unthreaded           |

Contact Features

|                                 |        |
|---------------------------------|--------|
| Contact Base Material           | Copper |
| Switch Contact Plating Material | Gold   |

Termination Features

|                           |                       |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
|---------------------------|-----------------------|

Mechanical Attachment

|                    |                               |
|--------------------|-------------------------------|
| Product Mount Type | Panel & Printed Circuit Board |
|--------------------|-------------------------------|

Housing Features

|                |     |
|----------------|-----|
| Process Sealed | Yes |
|----------------|-----|

Dimensions

|               |                |
|---------------|----------------|
| Toggle Length | 7.62 mm[.3 in] |
|---------------|----------------|

Industry Standards

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

Product Compliance

For compliance documentation, visit the product page on TE.com>

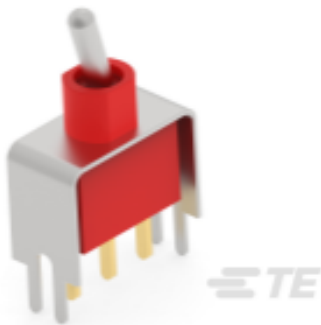
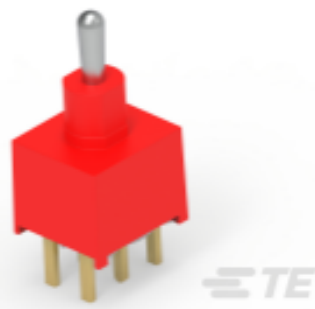
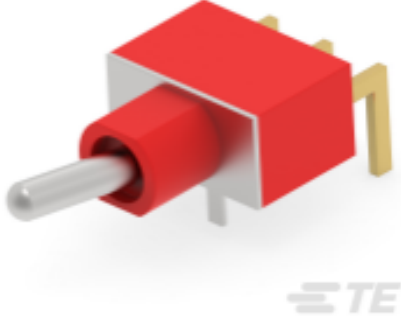
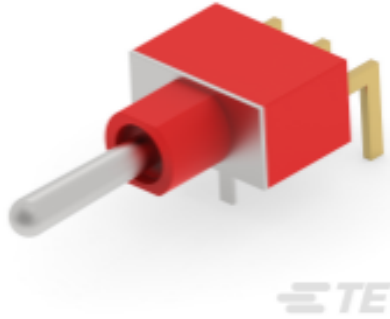
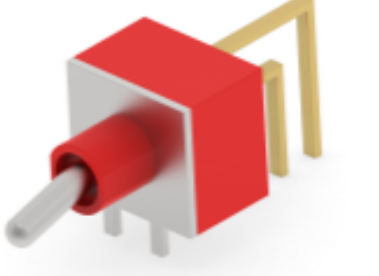
|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 | 有害物质含量超出标准<br>Restricted Substance(s) Above Threshold                                                                                                                                                                                                                                                                                                                                                                        |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2024 (241)<br>SVHC > Threshold:<br>Pb (4% in Component Part)<br><b>Article Safe Usage Statements:</b><br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content                               | Low Halogen - Br, Cl, F < 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 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>

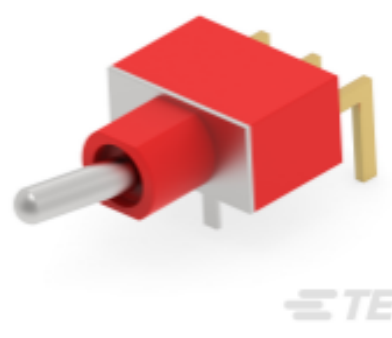
Compatible Parts

|                                                                                                                                                     |                                                                                                                                                   |                                                                                                                                                     |                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 1-1825142-2<br/><a href="#">AE101MD1V30Q04</a></p> |  <p>TE Part # 2-1825142-0<br/><a href="#">AE101SD1CB04</a></p> |  <p>TE Part # 2-1825143-6<br/><a href="#">AE211MD1CB04</a></p> |  <p>TE Part # 1-1825143-0<br/><a href="#">AE201SD1CB04</a></p>   |
|  <p>TE Part # 2-1825142-6<br/><a href="#">AE103MD1CB04</a></p>   |  <p>TE Part # 1825142-4<br/><a href="#">AE101MD1AQ04</a></p>   |  <p>TE Part # 1-1825142-5<br/><a href="#">AE101SD1AB04</a></p> |  <p>TE Part # 1825142-6<br/><a href="#">AE101MD1AV2Q04</a></p>   |
|  <p>TE Part # 1-1825142-8<br/><a href="#">AE101SD1AV2B04</a></p> |  <p>TE Part # 1825142-5<br/><a href="#">AE101MD1AV2B04</a></p> |  <p>TE Part # 1825143-3<br/><a href="#">AE201MD1AV2B04</a></p> |  <p>TE Part # 2-1825142-5<br/><a href="#">AE103MD1AV2B04</a></p> |





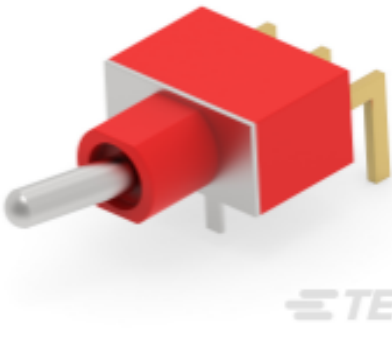
TE Part # 1-1825142-6  
AE101SD1AQ04



TE Part # 2-1825142-4  
AE103MD1AB04



TE Part # 1825143-5  
AE201MD1CQ04



TE Part # 1825142-2  
AE101MD1AG04

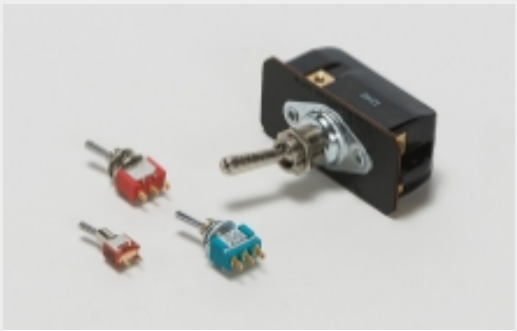


TE Part # 3-1825142-0  
AE103SD1CB04



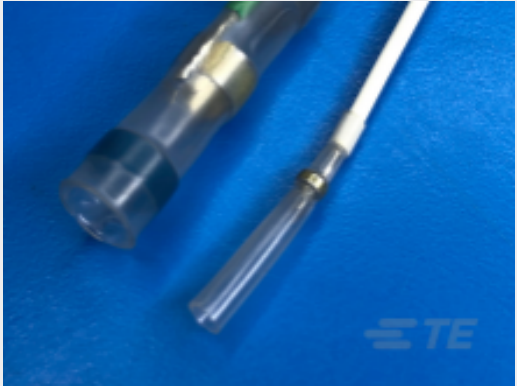
TE Part # 3-1825142-1  
AE103SD1CQ04

Also in the Series | ALCOSWITCH Gemini AE



Toggle Switches(20)

Customers Also Bought



TE Part #A74711-000  
B-155-4174-35-22-5/9



TE Part #2866050001  
RPS-22-18/2.0-4



TE Part #320570  
SPLICE BUTT PIDG 12-10



TE Part #3-1625885-1  
1W SM M/OX 5% 1K0



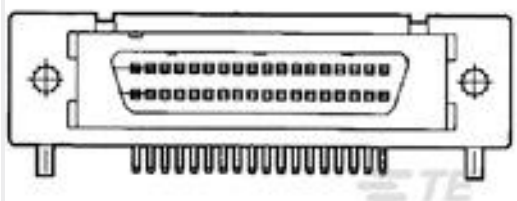
TE Part #2-1625892-2  
3W SM M/OX 5% 1K2



TE Part #1757819-8  
AMPLIMITE,ASY,PLUG,STD,109,ZN,3,CT



TE Part #1761686-9  
IDC LOW PRO HDR 26P VERT LAT



TE Part #2-5174341-5  
68P S-MINI-MITE CAP HDR R-LEG



Documents

Product Drawings

AE107MD1AV2B04

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_4-1825142-2\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-1825142-2\_A.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-1825142-2\_A.2d\_dxf.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

SWITCHES\_CORE\_PROGRAM\_CATALOG

English

GEMINI\_SERIES\_SWITCHES\_QUICK\_REF\_GUIDE\_2-1773458-5

English