



Switches > Tactile Switches



Contact Current Rating: 50 mA  
Actuator Style: Round Actuator  
Operating Function: NO  
Contact Base Material: Copper Alloy  
Switch Contact Plating Material: Silver

Features

Product Type Features

|                        |                       |
|------------------------|-----------------------|
| Leg Style              | Kinked                |
| Switch Connection Type | Printed Circuit Board |
| Illuminated            | With                  |
| Actuator Style         | Round Actuator        |

Configuration Features

|                            |                            |
|----------------------------|----------------------------|
| Switch Feedback Type       | Tactile                    |
| ESD Grounding Terminal     | Without                    |
| Ganged                     | With                       |
| Operating Function         | NO                         |
| Support Bracket            | Without                    |
| Configuration (Pole-Throw) | Single Pole - Single Throw |
| Number of Actuators        | Single                     |

Electrical Characteristics

|                   |        |
|-------------------|--------|
| Operating Voltage | 24 VDC |
|-------------------|--------|



Body Features

|                     |                |
|---------------------|----------------|
| Case Material       | Nylon          |
| Actuator Profile    | Extended       |
| Case Color          | Black          |
| Actuator Material   | Nylon          |
| Cover Material      | PET Film       |
| Actuator Force      | 160 g[5.64 oz] |
| Product Orientation | Vertical       |
| Actuator Color      | Black          |

Contact Features

|                                 |              |
|---------------------------------|--------------|
| Contact Current Rating          | 50 mA        |
| Contact Base Material           | Copper Alloy |
| Switch Contact Plating Material | Silver       |

Termination Features

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

Housing Features

|                |      |
|----------------|------|
| Low Profile    | With |
| Process Sealed | No   |

Dimensions

|                 |                  |
|-----------------|------------------|
| Button Width    | 3.5 mm[.138 in]  |
| Product Height  | 13.4 mm[.527 in] |
| Actuator Length | 13.4 mm[.527 in] |

Usage Conditions

|                             |              |
|-----------------------------|--------------|
| Operating Temperature Range | -40 – 105 °C |
|-----------------------------|--------------|

Packaging Features

|                  |         |
|------------------|---------|
| Packaging Method | Bag/Box |
|------------------|---------|

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                   | Out of Scope                            |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |

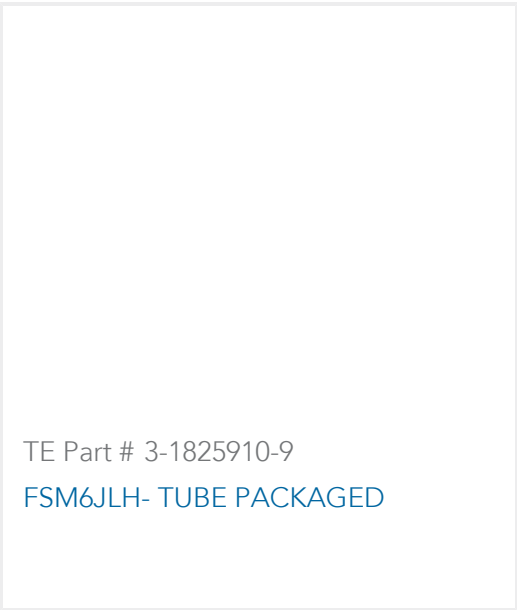
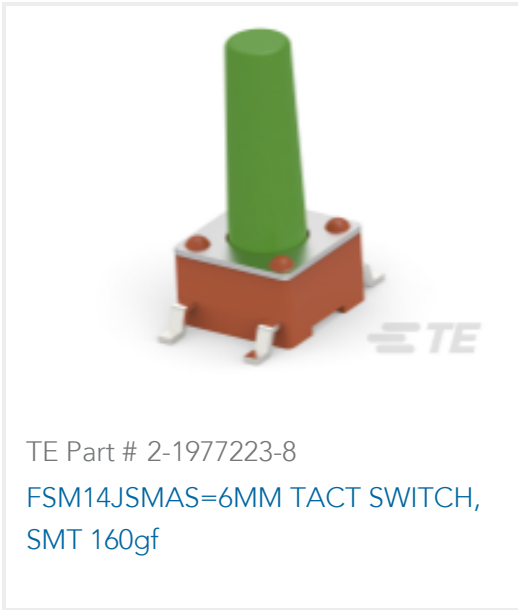
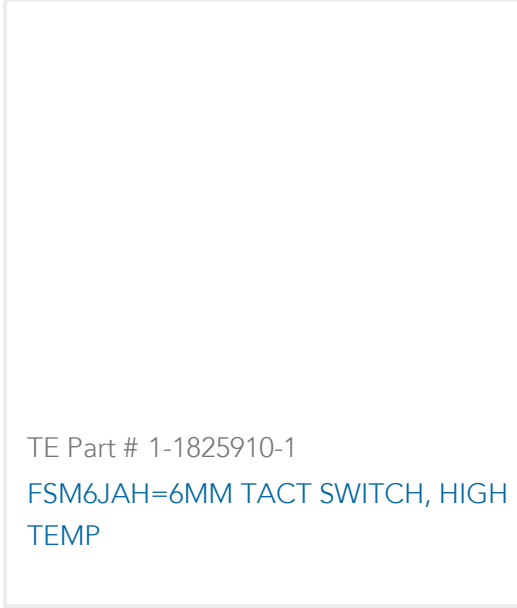


|                                        |                                                                                                                               |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |
| 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 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 # 3-1825910-9<br/>FSM6JLH- TUBE PACKAGED</p>             |  <p>TE Part # 2-1977223-8<br/>FSM14JSMAS=6MM TACT SWITCH, SMT 160gf</p> |  <p>TE Part # 1825910-6<br/>FSM4JH=6MM TACT SWITCH, HIGH TEMP</p>    |  <p>TE Part # 3-1437565-0<br/>FSM2JSMATR=ON T/R</p> |
|  <p>TE Part # 2-1825910-7<br/>FSM14JH=6MM TACT SWITCH, HIGH TEMP</p> |  <p>TE Part # 4-1437565-2<br/>FSM4JSMATR=TACT SWITCH 6X6MIL</p>         |  <p>TE Part # 1-1825910-1<br/>FSM6JAH=6MM TACT SWITCH, HIGH TEMP</p> |                                                                                                                                          |

Also in the Series | Alcoswitch FSM





Tactile Switches(51)

Customers Also Bought



TE Part #3-2176611-1  
EP 2W (SS) 18R 5%



TE Part #1-1623730-5  
BCHE 4 W 33R 5%



TE Part #171819-1  
13P MIC CAP HSG



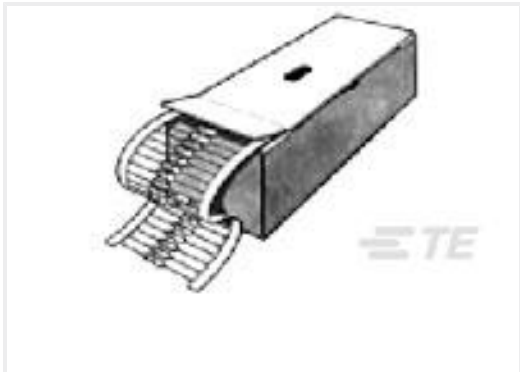
TE Part #3-1734506-8  
RCPT, 2.0MM, 30P,VRT MT, 8 Au", 2.6 ST



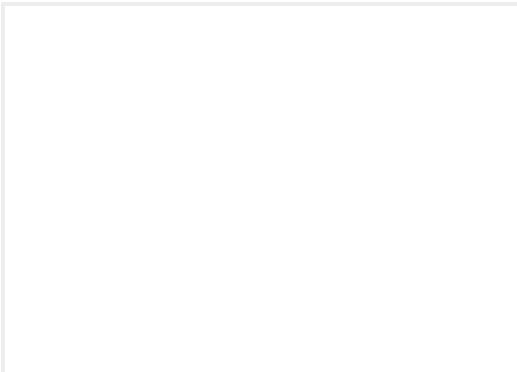
TE Part #6-1879071-3  
THS50 50K 5%



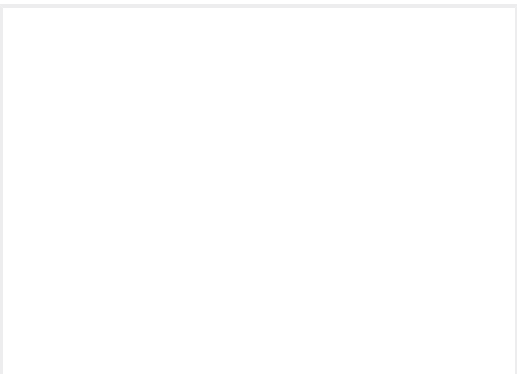
TE Part #2371885-1  
35POS,AMPSEAL,SOC HSG ASSY,SLD, COD 1



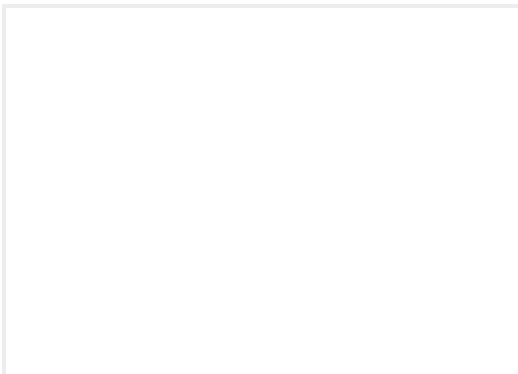
TE Part #2176084-2  
EP 7W (S) 15R 5%



TE Part #6221-BCE-T-025-001  
2.5 kPa Gauge Sensor



TE Part #1977497-1  
6MM SEALED R/A TACT SWITCH, SMT



TE Part #6221-BCE-T-005-001  
5KPA GAUGE SENSOR

Documents

- CAD Files

Customer View Model

ENG\_CVM\_CVM\_3-1825910-1\_C.2d\_dxf.zip

English

3D PDF

3D
- Customer View Model

ENG\_CVM\_CVM\_3-1825910-1\_C.3d\_igs.zip

3-1825910-1

50 mA Tactile Switch, Round Actuator, NO, Copper Alloy, Silver Contact Plating, Low Profile, 24 VDC, Alcoswitch FSM



English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1825910-1\\_C.3d\\_stp.zip](#)

English

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

Datasheets & Catalog Pages

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

English

Tactile Switches

English