

2-1825910-8 ✓ ACTIVE

[Alcoswitch](#) | [Alcoswitch FSM](#)

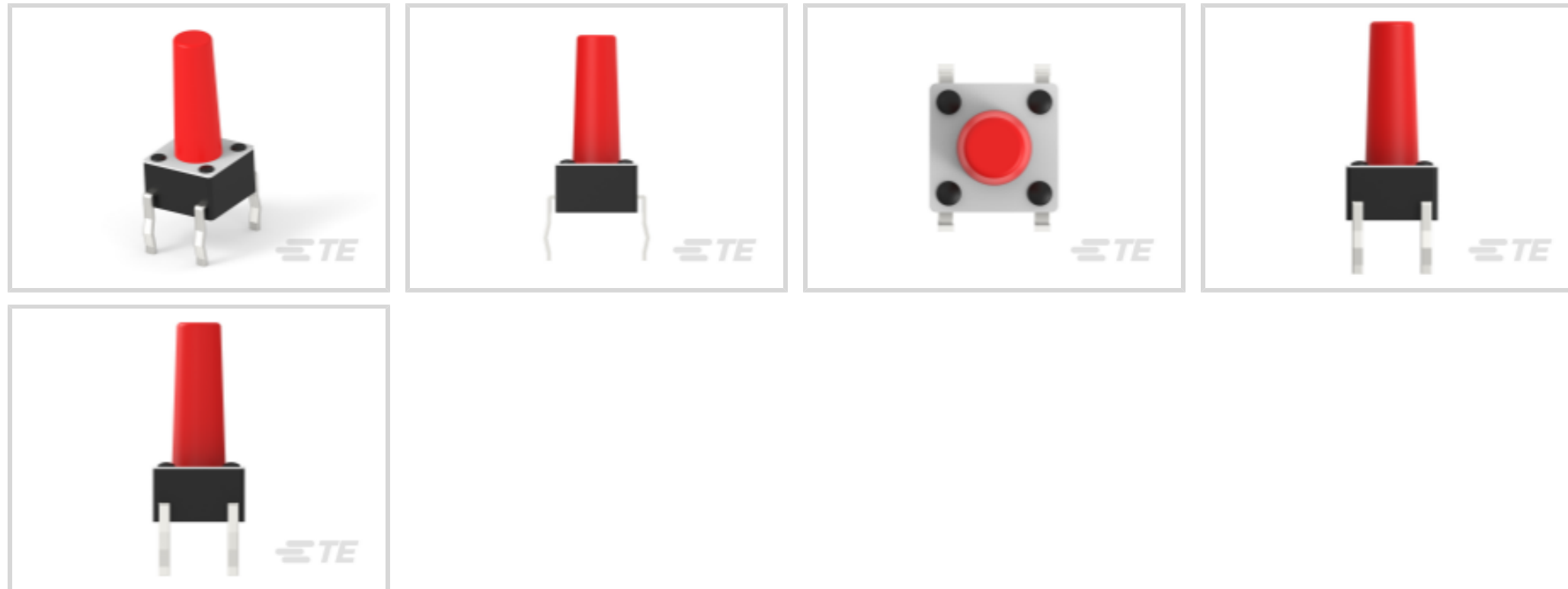
TE Internal #: 2-1825910-8

Tactile Switches, Round Actuator Style, NO, Copper Alloy, Silver,  
Low Profile, 50mA Contact Current Rating, Operating Voltage 24  
VDC, Alcoswitch FSM

[View on TE.com >](#)



Switches > Tactile Switches



Actuator Style: **Round**

Operating Function: **NO**

Contact Base Material: **Copper Alloy**

Switch Contact Plating Material: **Silver**

Low Profile: **With**

## Features

### Product Type Features

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

### Configuration Features

|                            |                            |
|----------------------------|----------------------------|
| ESD Grounding Terminal     | Without                    |
| Ganged                     | With                       |
| Switch Feedback Type       | Tactile                    |
| 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

|                     |                |
|---------------------|----------------|
| Cover Material      | PET Film       |
| Actuator Force      | 260 g[9.17 oz] |
| Case Material       | Nylon          |
| Actuator Profile    | Extended       |
| Actuator Material   | Nylon          |
| Case Color          | Black          |
| Product Orientation | Vertical       |
| Actuator Color      | Red            |

### Contact Features

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

### Termination Features

|   |                       |
|---|-----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
|---|-----------------------|

### Housing Features

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

### Dimensions

|                 |                 |
|-----------------|-----------------|
| Actuator Length | 9.4 mm[.37 in]  |
| Button Width    | 3.5 mm[.138 in] |
|                 | .512 in         |

### Usage Conditions

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

### Packaging Features

|                  |             |
|------------------|-------------|
| Packaging Method | Loose Piece |
|------------------|-------------|

### 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 2022 (224)

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



TE Part # 1825910-6  
 FSM4JH=6MM TACT SWITCH, HIGH TEMP



TE Part # 2-1825910-7  
 FSM14JH=6MM TACT SWITCH, HIGH TEMP



TE Part # 4-1437565-2  
 FSM4JSMATR=TACT SWITCH 6X6MIL



TE Part # 3-1437565-0  
 FSM2JSMATR=ON T/R



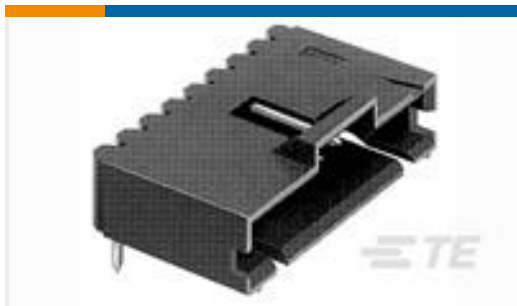
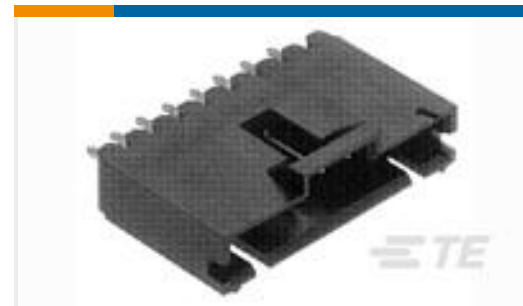
TE Part # 2-1977223-8  
 FSM14JSMAS=6MM TACT SWITCH, SMT 160gf

Also in the Series | [Alcoswitch FSM](#)



Tactile Switches(49)

## Customers Also Bought

TE Part #2-1462039-6  
IM21GR=IM RELAY 50mW 3VTE Part #5-103634-3  
04 MTE HDR SRRA LATCH.100CL LFTE Part #2-1825910-7  
FSM14JH=6MM TACT SWITCH, HIGH TEMPTE Part #640383-2  
02P MTA156 HDR ASSY STR SQ SNTE Part #5-103634-1  
02 MTE HDR SRRA LATCH.100CL LFTE Part #103669-2  
03 MTE HDR SRST LATCH W/HLDWNTE Part #4-1625885-3  
1W SM M/OX 5% 220KTE Part #2383938-5  
TERMI-BLOK SMD MOUNT 180\_5P\_5 MM

## Documents

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-1825910-8\\_C.2d\\_dxf.zip](#)

English

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-1825910-8\\_C.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-1825910-8\\_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

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Contact Current Rating, Operating Voltage 24 VDC, Alcoswitch FSM

