# FSM6JSMA ✔ ACTIVE

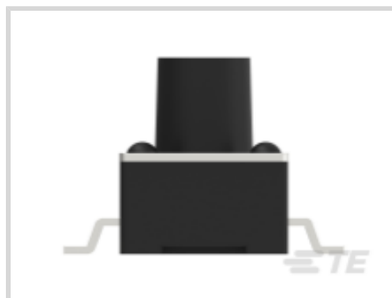
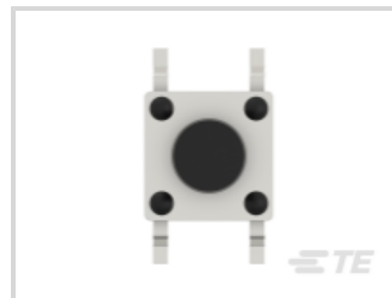
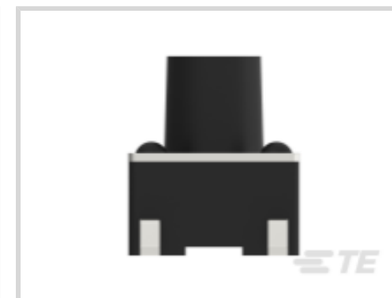
ALCOSWITCH | ALCOSWITCH FSMJSMA

TE Internal #: 4-1437565-9

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

View on TE.com >

Switches > Tactile Switches

Actuator Style: **Round Actuator**

Operating Function: **NO**

Contact Base Material: **Copper Alloy**

Switch Contact Plating Material: **Silver**

Low Profile: **With**

## Features

### Product Type Features

| | |
|---|---|
| Leg Style | Gull Wing |
| Switch Connection Type | Printed Circuit Board |
| Illuminated | Without |
| 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 | Polyamide |
| Actuator Profile | Extended |
| Case Color | Brown |
| Actuator Material | Polyamide |
| Cover Material | Steel |
| Actuator Force | 160 g[5.64 oz] |
| Product Orientation | Vertical |
| Actuator Color | Black |

## Contact Features

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

## Termination Features

| | |
|---|---|
| Termination Method to PCB | Surface Mount |

## Housing Features

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

## Dimensions

| | |
|---|---|
| Button Width | 3.5 mm[.138 in] |
| Product Height | 7 mm[.276 in] |
| Actuator Length | 3.4 mm[.134 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -40 – 85 °C[-40 – 185 °F] |

## Packaging Features

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

## Product Compliance

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

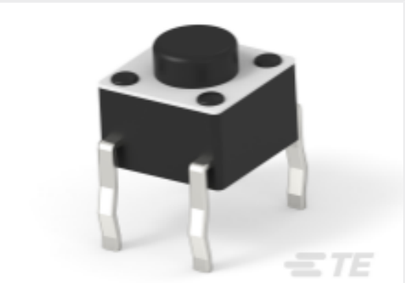
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量符合标准要求 No Restricted |

| | Substance(s) Above Threshold |
|---|---|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Reflow solder capable to 260°C |

Product Compliance Disclaimer

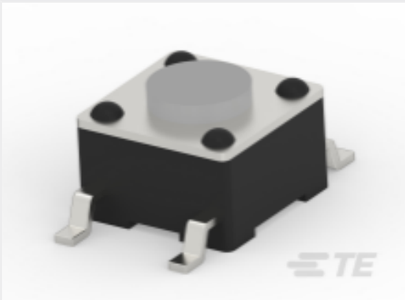
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



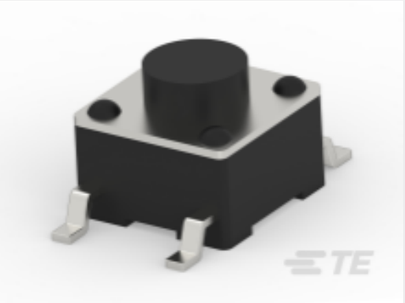
TE Part # 1825910-6
FSM4JH=6MM TACT SWITCH, HIGH TEMP

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



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

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



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

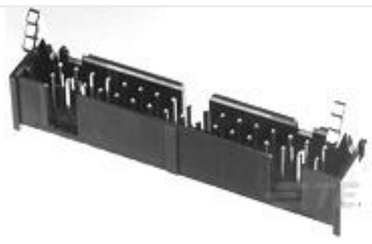
## Also in the Series | ALCOSWITCH FSMJSMA

Tactile Switches(22)

## Customers Also Bought

TE Part #L9000342-01
Antenna 2.45/5.8GHz WRT Monopole MHF3

TE Part #422284-000
STD12W-4

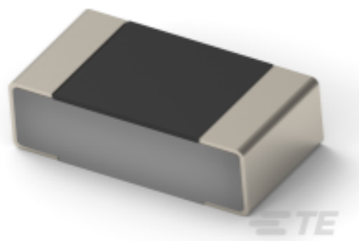


TE Part #1-1761608-3
IDC LOW PRO HDR 40P VERT SHT L

TE Part #2-1879233-4
SMW5 R91 5%

TE Part #5-1879337-7
CPF 0603 9K53 1% 50PPM 1K RL

TE Part #3-2176349-2
CRGCQ 2512 3K9 1%



TE Part #2-2176467-6
TLRP 1206 1.0W R008 1% 100PPM 5K RL

TE Part #2480843-1
USB C Charge-only,6 Pin, Mid, 3u GF

TE Part #5745783-4
25 MSFL RCPT RA 318 (IN,FM)

TE Part #6337194-1
BATTERY CONNECTOR ASSEMBLY

## Documents

### Product Drawings

FSM6JSMA=SMT,TACTILE,PB SWITCH

English

### CAD Files

Customer View Model

ENG_CVM_CVM_4-1437565-9_V1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_4-1437565-9_V1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1437565-9_V1.3d_igs.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

Products for Mobile Equipment

English

Tactile Switches

English

8-1773450-9_SWITCHES_CATALOG_SECTION_C_TACTILE_SWITCHES

English