

1977223-4 ✓ ACTIVE

ALCOSWITCH | ALCOSWITCH FSMJSMA

TE Internal #: 1977223-4

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	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
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### Body Features

Case Material	PPS
Actuator Profile	Extended
Case Color	Brown
Actuator Material	Nylon
Cover Material	Steel
Actuator Force	160 g[5.64 oz]
Product Orientation	Vertical
Actuator Color	Green

### 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
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### Housing Features

Low Profile	With
Process Sealed	No

### Dimensions

Button Width	3.5 mm[.138 in]
Product Height	4.3 mm[.169 in]
Actuator Length	.7 mm[.028 in]

### Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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### Packaging Features

Packaging Method	Tape & Reel
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### 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) Candidate List Declared Against: JUNE 2025 (250) 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>

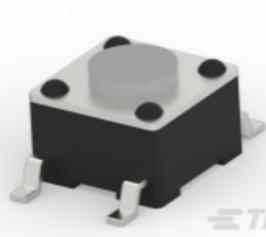
### Compatible Parts



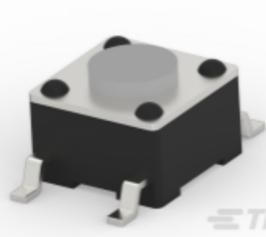
TE Part # 2-1977223-8  
FSM14JSMAS=6MM TACT SWITCH, SMT 160gf



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



TE Part # 1977584-1  
FSMxJSMAS\_6 MM TACT SWITCH, G-WING SMT



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



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



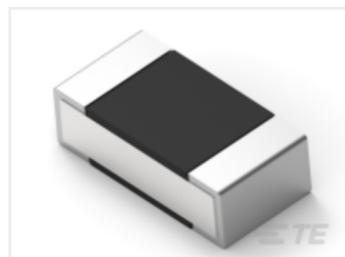
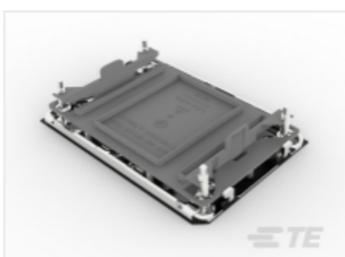
TE Part # 4-1437565-2  
FSM4JSMATR=TACT SWITCH 6X6MIL

Also in the Series | **ALCOSWITCH FSMJSMA**



Tactile Switches(22)

## Customers Also Bought

TE Part #ANT-916-HETH  
Antenna 1/4 Wave Coil 868MHz THMTE Part #640454-8  
08P MTA100 HDR ASSY SQ STR POLTE Part #1825010-6  
ASE22L04=DPDT AUTOSLIDETE Part #1-1879225-7  
CPF 0603 57K6 0.1% 25PPM 1K RLTE Part #1982738-2  
Female Connector IECTE Part #2042088-2  
Vert.Male, IEC L2TE Part #2176308-4  
RP 1E 0.1W 143K 0.1% 25PPM 5K RLTE Part #2227666-3  
ZQSFP+ STACKED, 2X1, THRU BEZEL  
W SPRINGTE Part #2-2330550-2  
SOCKET P4 BOLSTER PLATE ASSY,  
W/ COVERTE Part #5747467-1  
HD-20 PLUG 9P RA 590

## Documents

### Product Drawings

[FSM2JSMASSTR=6MM TACT SWITCH, SMT 160gf,](#)

English

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_1977223-4\\_B2.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1977223-4\\_B2.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1977223-4\\_B2.3d\\_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

[8-1773450-9\\_SWITCHES\\_CATALOG\\_SECTION\\_C\\_TACTILE\\_SWITCHES](#)

English