

1825967-1 ✓ ACTIVE

Alcoswitch | Alcoswitch FSM

TE Internal #: 1825967-1

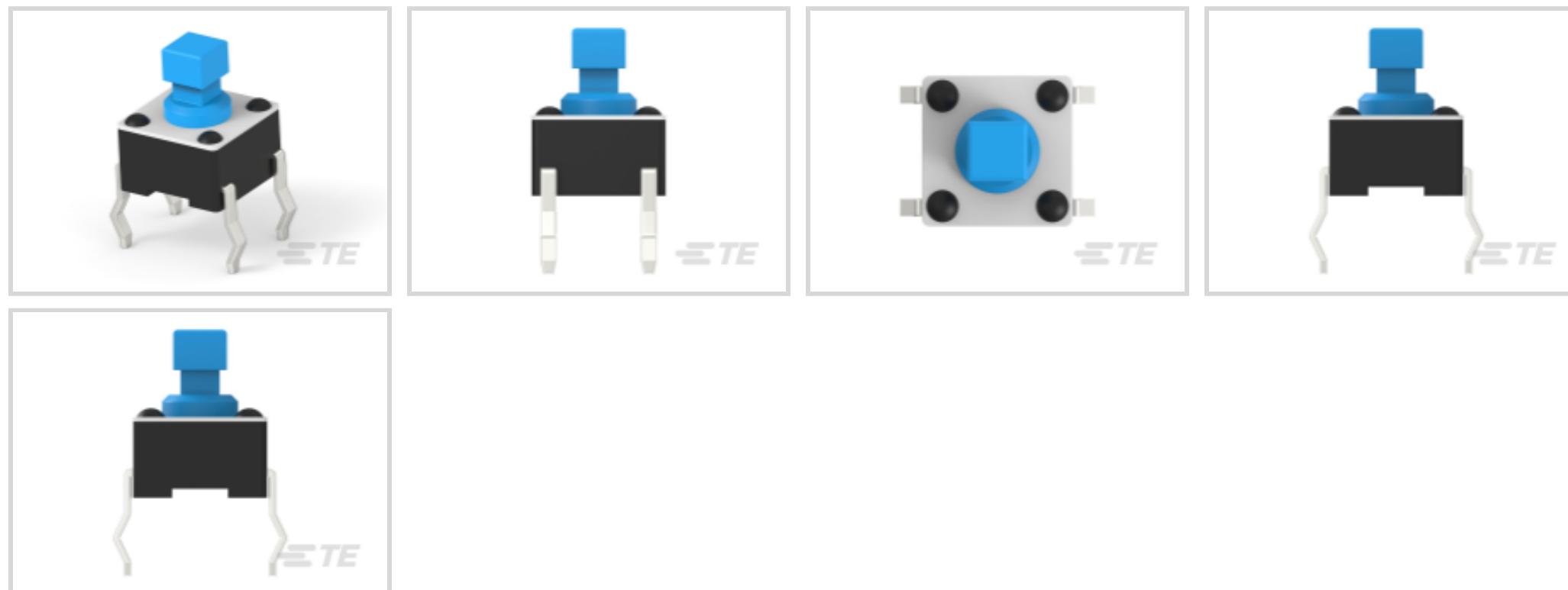
50 mA Tactile Switch, Square Actuator, NO, Copper Alloy, Silver

Contact Plating, Low Profile, 24 VDC, Alcoswitch FSM

[View on TE.com >](#)



Switches > Tactile Switches



Contact Current Rating: **50 mA**

Actuator Style: **Square 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 | Square 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 | Blue |

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 | 2.41 mm[.095 in] |
| | .292 in |
| Actuator Length | 2.89 mm[.114 in] |

Usage Conditions

| | |
|-----------------------------|-------------|
| Operating Temperature Range | -35 – 85 °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 | 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)

Candidate List Declared Against: JAN 2025

(247)

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



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



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

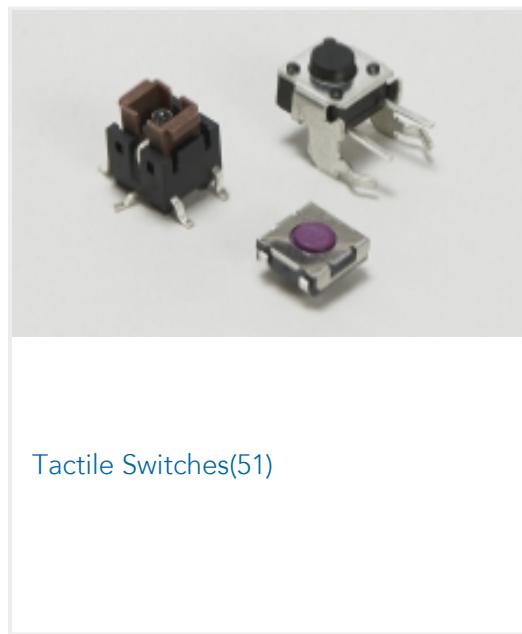


TE Part # 3-1437565-0
FSM2JSMATR=ON T/R

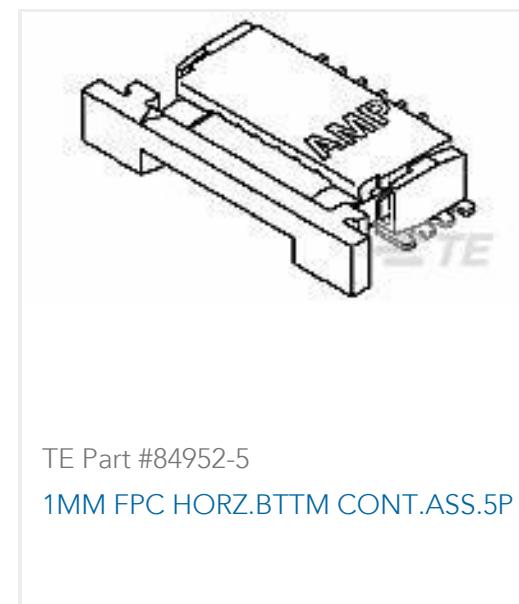


TE Part # 1825910-6
FSM4JH=6MM TACT SWITCH, HIGH TEMP

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



Customers Also Bought



Documents

Product Drawings

[FSMCDH=6.0mm Tact W/SQ Act. & High Temp](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_1825967-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1825967-1_C.3d_jgs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1825967-1_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