

1825967-1 ✓ ACTIVE

Alcoswitch | Alcoswitch FSM

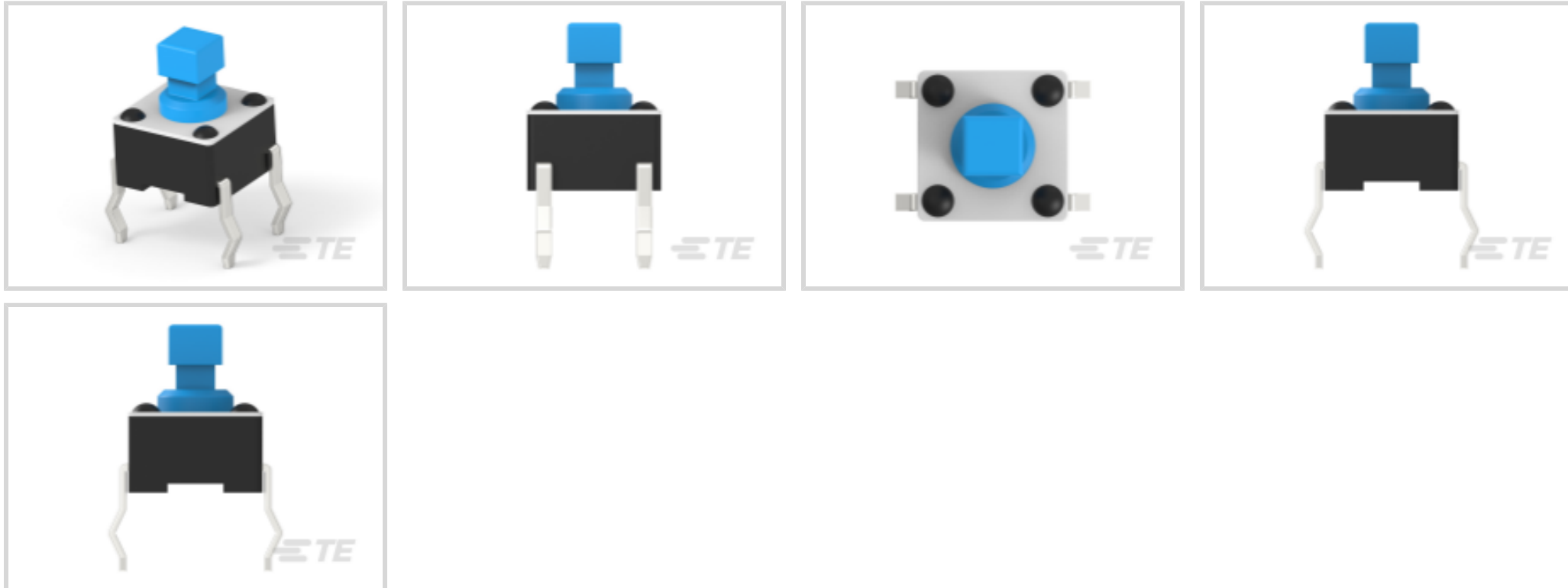
TE Internal #: 1825967-1

Tactile Switches, Square 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: **Square**

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	Square

### 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
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### Body Features

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

### 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
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### Housing Features

Low Profile	With
Process Sealed	No

### Dimensions

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

### Usage Conditions

Operating Temperature Range	-35 – 85 °C
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### Packaging Features

Packaging Method	Loose Piece
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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	No Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2023 (235)

Candidate List Declared Against: JUNE 2023 (235)

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



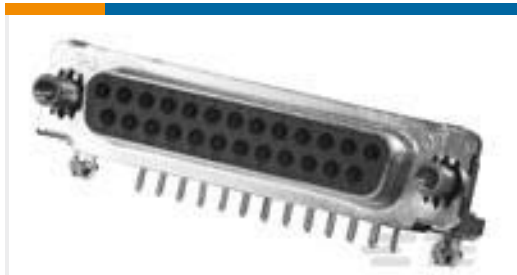
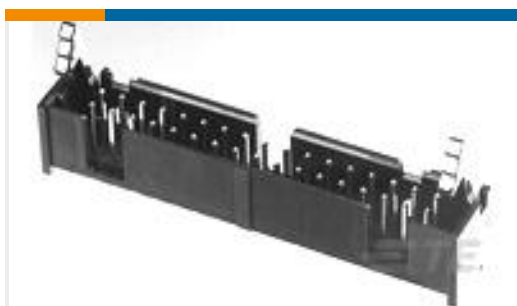
TE Part # 2-1977223-8  
 FSM14JSMAS=6MM TACT SWITCH, SMT 160gf

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



Tactile Switches(49)

## Customers Also Bought

TE Part #5745782-4  
15 MSFL RCPT RA 318 (IN,FM)TE Part #5747150-7  
09 RCPT SP/FMS INSRTTE Part #414026-2  
JACK ASSY,SMB,RT ANGTE Part #640457-9  
PCB Header: Polyester, Right Angle,  
UnshroudedTE Part #1761606-6  
IDC LOW PRO HDR 16P VERT LG LAT  
BLKTE Part #5227169-8  
BNC - SOLDER RECEPTTE Part #350180-2  
TEST PROBE REC130L SPCL RED  
GPBRTE Part #3-1437658-3  
8PCV-10-006=738010600TE Part #2-1977223-4  
FSM8JSMASSTR=6MM TACT SWITCH,  
SMT 160gf,

## 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\\_igs.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