

3-1825910-1 ✓ ACTIVE

ALCOSWITCH | ALCOSWITCH FSM

TE Internal #: 3-1825910-1

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

[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	Kinked
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	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	Black

### Contact Features

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

### Termination Features

Termination Method to PCB	Through Hole - Solder
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### Housing Features

Low Profile	With
Process Sealed	No

### Dimensions

Button Width	3.5 mm[.138 in]
Product Height	13.4 mm[.527 in]
Actuator Length	13.4 mm[.527 in]

### Usage Conditions

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

Packaging Method	Bag/Box
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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	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: JUNE 2025 (250)

Candidate List Declared Against: JAN 2025 (247)

Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

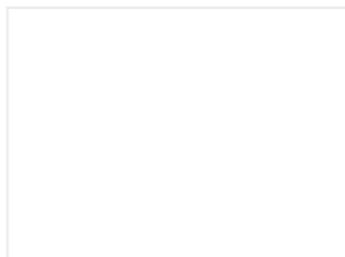
Solder Process Capability

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>

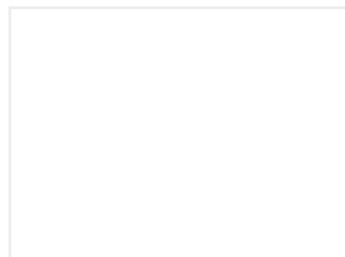
## Compatible Parts



TE Part # 3-1825910-9  
FSM6JLH- TUBE PACKAGED



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



TE Part # 1-1825910-1  
FSM6JAH=6MM TACT SWITCH, HIGH TEMP



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



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



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



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

Also in the Series | **ALCOSWITCH FSM**



Tactile Switches(58)

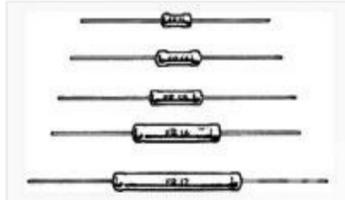
### Customers Also Bought



TE Part #181949-1  
250 FASTON,TAB,BR



TE Part #1-1623730-5  
BCHE 4 W 33R 5%



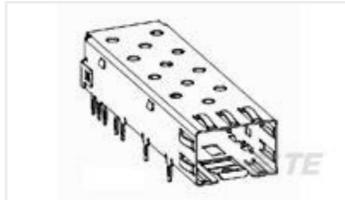
TE Part #4-1623746-1  
ER74 560R 5% AMMO PK



TE Part #3-1734506-8  
RCPT, 2.0MM, 30P,VRT MT, 8 Au", 2.6 ST



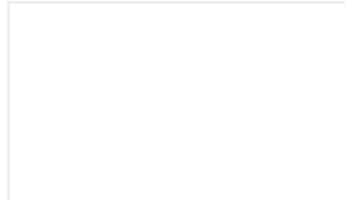
TE Part #6-1879133-0  
RN 0603 3K65 0.1% 10PPM 1K RL



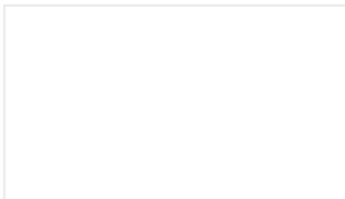
TE Part #2227317-1  
press fit cage assy, single with lp



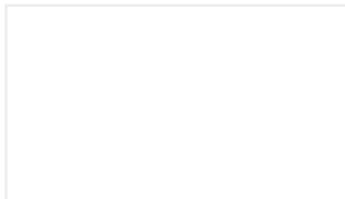
TE Part #5788336-2  
STD USB TYPE B, VERTICAL, T/H, 15U" AU



TE Part #6221-BCE-T-025-001  
2.5 kPa Gauge Sensor



TE Part #6221-BCE-T-005-001  
5KPA GAUGE SENSOR



TE Part #1977497-1  
6MM SEALED R/A TACT SWITCH, SMT

### Documents

#### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1825910-1\\_C.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1825910-1\\_C.3d\\_igs.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_3-1825910-1\\_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

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

English