

FSM1LP

✓ ACTIVE

Alcoswitch | Alcoswitch FSM1LP

TE Internal #: 1-1437565-6

50 mA Tactile Switch, Round Actuator, NO, Copper Alloy, Silver
Contact Plating, Low Profile, 24 VDC, Alcoswitch FSM1LP

[View on TE.com >](#)



Switches > Tactile Switches



Contact Current Rating: 50 mA
Actuator Style: Round Actuator
Operating Function: NO
Contact Base Material: Copper Alloy
Switch Contact Plating Material: Silver

Features

Product Type Features

Leg Style	SMD Pads
Switch Connection Type	Printed Circuit Board
Illuminated	Without
Actuator Style	Round Actuator

Configuration Features

Switch Feedback Type	Tactile
ESD Grounding Terminal	With
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	PPS
Actuator Profile	Extended
Case Color	Black
Actuator Material	PPA
Cover Material	Nickel, Silver
Actuator Force	160 g[5.64 oz]
Product Orientation	Vertical
Actuator Color	Black

Contact Features

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

Termination Features

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

Housing Features

Low Profile	With
Process Sealed	No

Dimensions

Button Width	2.99 mm[.118 in]
	.122 in
Actuator Length	.27 mm[.01 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	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: 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	Reflow solder capable to 260°C

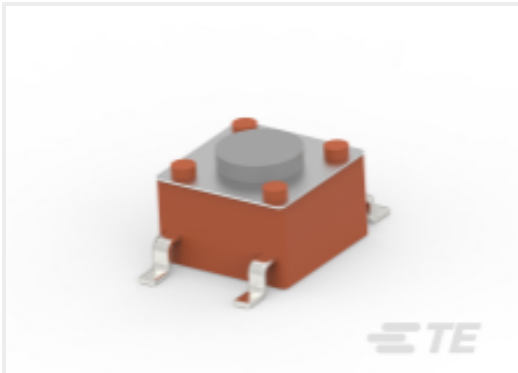
Product Compliance Disclaimer

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>

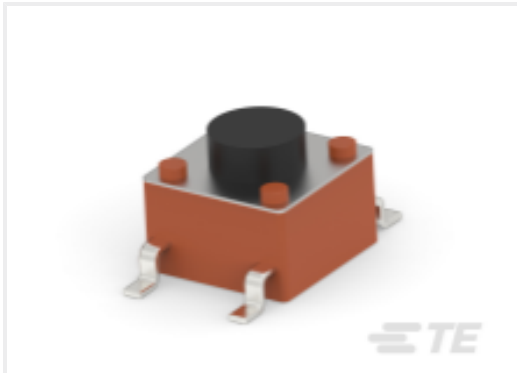
Compatible Parts



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



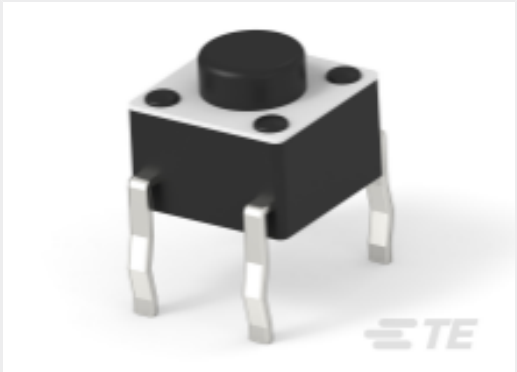
TE Part # 3-1437565-0
FSM2JSMATR=ON T/R



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



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



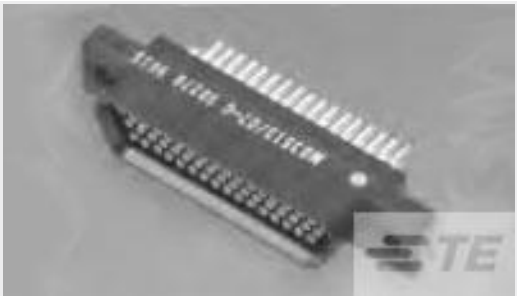
TE Part # 1825910-6
FSM4JH=6MM TACT SWITCH, HIGH TEMP

Also in the Series | [Alcoswitch FSM1LP](#)

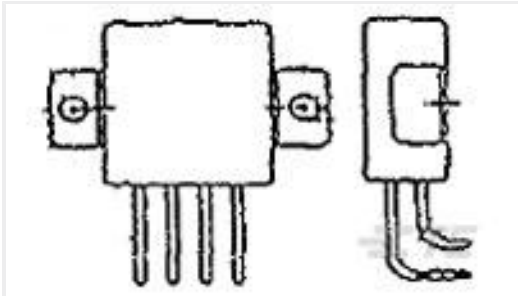


Tactile Switches(4)

Customers Also Bought



TE Part #8-1532020-7
095-0604-2037=MCDR3-B-9S5L5-0.5



TE Part #4-1617752-5
FCA-215-HZ4



TE Part #1-2176230-0
3522 4R7 5% 3W



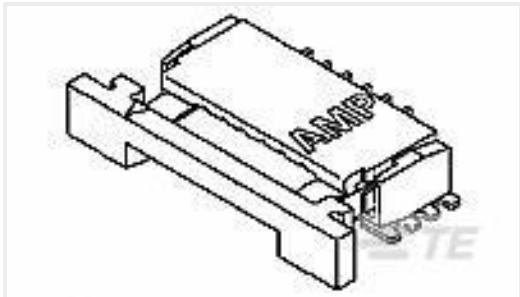
TE Part #640453-4
04P MTA100 HDR ASSY SQ R/A



TE Part #6-2154874-3
Scalable LED Holder 28.0x28.0 (1pc)



TE Part #1-2176341-7
CRGCQ 0805 220R 1%



TE Part #1-84952-1
1MM FPC HORZ.BTTM CONT.ASS.11P



TE Part #2176343-1
CRGCQ 1206 10R 1%



TE Part #2-5747709-0
37 RCPT SP/FMS BRDLK



TE Part #2176304-1
RP 1E 0.1W 10R 0.1% 25PPM 5K RL

Documents

Product Drawings

FSM1LP=ESD GND SMD TACT SWITCH

English

CAD Files

Customer View Model

ENG_CVM_1-1437565-6_D1.3d_igs.zip

English

Customer View Model



[ENG_CVM_1-1437565-6_D1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-1437565-6_D1.2d_dxf.zip](#)

English

3D PDF

English

Customer View Model

[ENG_CVM_CVM_1-1437565-6_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1437565-6_E.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1437565-6_E.2d_dxf.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