FSM8JSMA ✔ ACTIVE

ALCOSWITCH | ALCOSWITCH FSMJSMA

TE Internal #: 3-1437566-8

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	Without
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

Body Features

Case Material	Polyamide
Actuator Profile	Extended
Case Color	Brown
Actuator Material	PPS
Cover Material	Copper Alloy
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	Surface Mount

Housing Features

Low Profile	With
Process Sealed	No

Dimensions

Button Width	3.5 mm[.138 in]
Product Height	9.5 mm[.374 in]
Actuator Length	5.9 mm[.232 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

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	有害物质含量符合标准要求 No Restricted

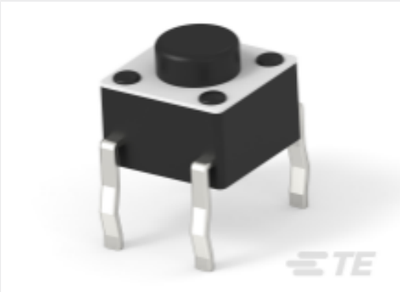
	Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process 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

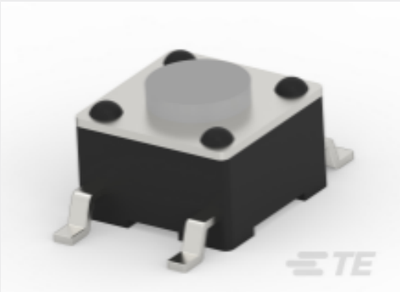
Compatible Parts

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

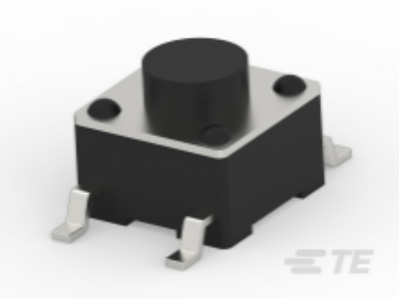


TE Part # 1825910-6
FSM4JH=6MM TACT SWITCH, HIGH TEMP

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



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



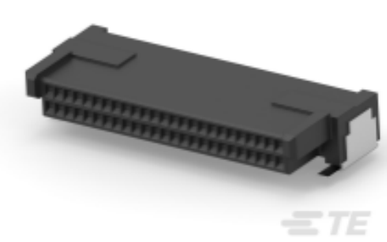
TE Part # 4-1437565-2
FSM4JSMATR=TACT SWITCH 6X6MIL

Also in the Series | ALCOSWITCH FSMJSMA

Tactile Switches(22)

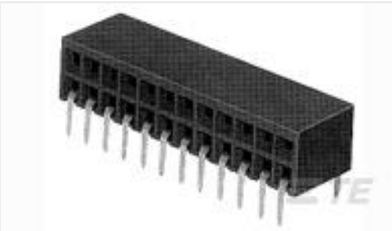
Customers Also Bought

TE Part #NB14504001
VERSAFIT-3/8-0-SP-SM

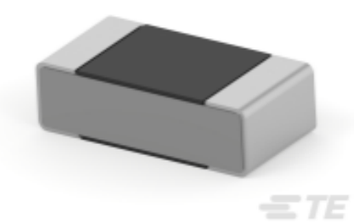


TE Part #294257-E
DRCQ 0,80 50 F * SMD * 137 E009 094 GURT

TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals



TE Part #216604-8
2X 8P HV190FEDERLEI



TE Part #1-2176280-9
CPF 0402 165K 0.1% 25PPM 1K RL

TE Part #5-2176412-7
5W XSM M/OX 5% 1K1

TE Part #2337235-1
TACT MICRO JB 4.6X4.4X1.05 P3.5 PH 100GF

Documents

Product Drawings

FSM8JSMA=SW,TACT,SMT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1437566-8_V1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_3-1437566-8_V1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1437566-8_V1.2d_dxf.zip

English

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Datasheets & Catalog Pages

SWITCHES_CORE_PROGRAM_CATALOG

English

Tactile Switches

English

8-1773450-9_SWITCHES_CATALOG_SECTION_C_TACTILE_SWITCHES

English