

FSM1LPTR

✓ ACTIVE

Alcoswitch | Alcoswitch FSM1LP

TE Internal #: 1-1437565-9

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

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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 | Tape & Reel |
|------------------|-------------|

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: JUNE 2024 (241)  
Does not contain REACH SVHC

Halogen Content

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

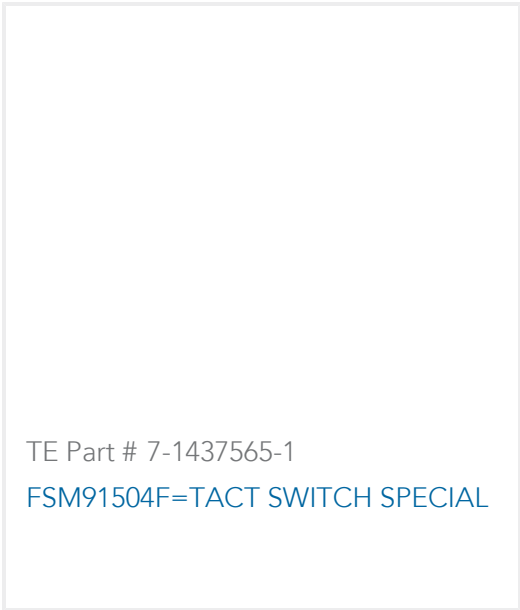
Solder Process Capability

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 # 7-1437565-1  
FSM91504F=TACT SWITCH SPECIAL



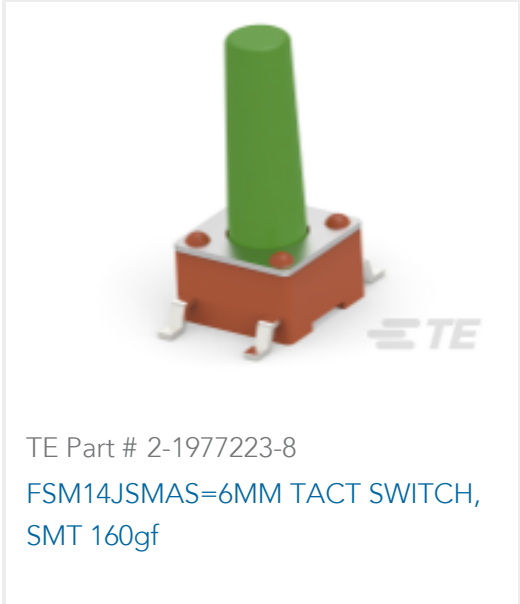
TE Part # 4-1437565-2  
FSM4JSMATR=TACT SWITCH 6X6MIL



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



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



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](#)

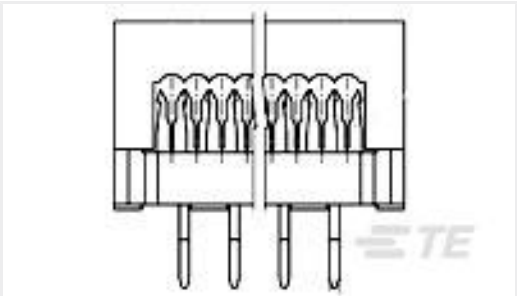
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50 mA Tactile Switch, Round Actuator, NO, Copper Alloy, Silver Contact Plating, Low Profile, 24 VDC, Alcoswitch FSM1LP

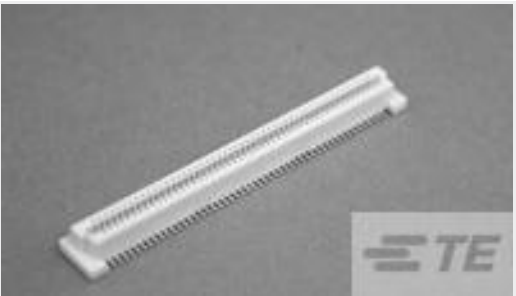


Tactile Switches(4)

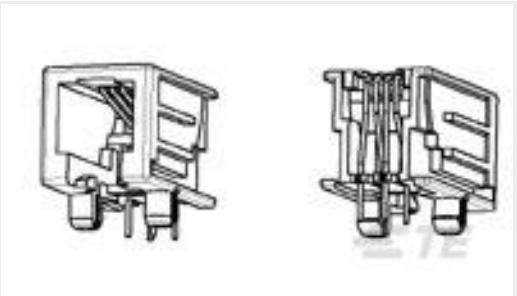
Customers Also Bought



TE Part #5746613-2  
14 DIP PLUG CONN-W/COVER



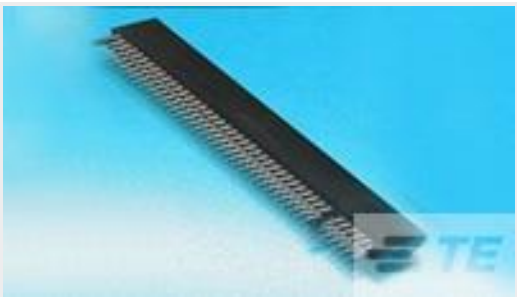
TE Part #1735482-1  
0.8FH,R17H.5,040,08/Sn,TR,SC



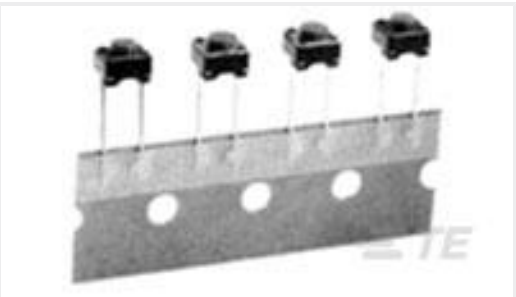
TE Part #1-1705950-2  
Modular Jack SE, 6/4, Gold flash



TE Part #2195889-2  
External Ant, SMA, 600-6000MHz



TE Part #5530843-4  
CONN SEC II 22 POS 100C/L



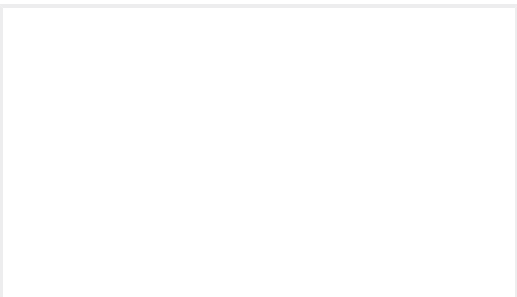
TE Part #147997-1  
FSM4JART=SWITCH,TACTILE,  
6MMX6M



TE Part #2199230-1  
M.2 0.5PITCH 4.2H KEY B GOLDFLASH



TE Part #3-1734592-6  
FPC CONN. 0.5MM PITCH B/C, 36P



TE Part #A5003SL24P1  
NTC THERMISTOR ASSEMBLY



TE Part #5-1393790-1  
V23079C2108X100

Documents

Product Drawings

FSM1LPTR=NEW P/N

English

CAD Files

Customer View Model

ENG\_CVM\_1-1437565-9\_D1.3d\_igs.zip

English

Customer View Model



[ENG\\_CVM\\_1-1437565-9\\_D1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-1437565-9\\_D1.2d\\_dxf.zip](#)

English

3D PDF

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1437565-9\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1437565-9\\_E.3d\\_stp.zip](#)

English

Customer View Model

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English

3D PDF

3D

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