

1977067-1 ✓ ACTIVE

Alcoswitch

TE Internal #: 1977067-1

TE Internal Description: FSMMSH=R/A TACT SWITCH, SMT W /OUT PEGS

[View on TE.com >](#)



Relays, Contactors & Switches > Switches > Tactile Switches



Actuator Style: **Round**

Operating Function: **NO**

Contact Base Material: **Stainless Steel**

Switch Contact Plating Material: **Silver**

Dust Proof: **No**

Features

Product Type Features

Product Type	Switch
Leg Style	Standard
Illuminated	With
Actuator Style	Round
Dust Proof	No

Configuration Features

Tactile Feel	With
ESD Grounding Terminal	Without
Ganged	With
Tactile	Yes
Snap Action	Without
Operating Function	NO
Support Bracket	With
Configuration (Pole-Throw)	Single Pole - Single Throw
Number of Actuators	1

Body Features

Case Color	Black
Actuator Force	160 g[5.648 oz]
Case Material	PPA



Bushing Style	Unthreaded
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Actuator Profile	Extended
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Actuator Material	PPA
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Actuator Color	Ivory
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Contact Features

Contact Base Material	Stainless Steel
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Switch Contact Plating Material	Silver
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Contact Current Rating	50 mA
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Termination Features

Termination Type	Printed Circuit Board
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Mechanical Attachment

Mounting Type	Surface Mount
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Mounting Angle	Right Angle
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Housing Features

Low Profile	With
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Process Sealed	No
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Dimensions

Actuator Length	.84 mm[.33 in]
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Button Width	2.1 mm[.079 in]
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	.134 in
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Usage Conditions

Temperature Rating	Standard °C
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Packaging Features

Packaging Method	Tape & Reel
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Other

Comment	(On) indicates momentary position., Without Locating Boss/Peg/Post(s)
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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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: JUL 2019 (201) Candidate List Declared Against: JAN 2019 (197) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

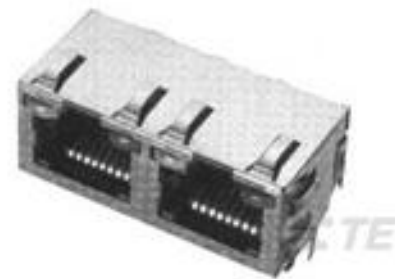
 <p>TE Model / Part # 1825910-6 FSM4JH=6MM TACT SWITCH, HIGH TEMP</p>	 <p>TE Model / Part # 2-1825910-7 FSM14JH=6MM TACT SWITCH, HIGH TEMP</p>	 <p>TE Model / Part # 4-1437565-2 FSM4JSMATR=TACT SWITCH 6X6MIL</p>	 <p>TE Model / Part # 3-1437565-0 FSM2JSMATR=ON T/R</p>
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TE Model / Part # 2-1977223-8
FSM14JSMAS=6MM TACT SWITCH,
SMT 160gf

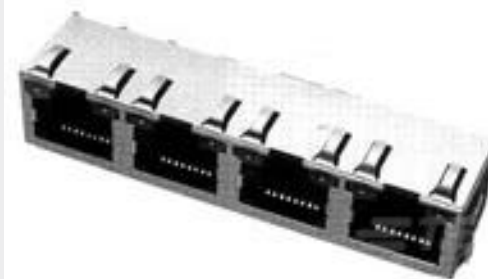
Customers Also Bought



TE Model / Part #6116000-1
STK MJ,2X6,SHLD,PNL GND,CAT5



TE Model / Part #6368459-3
INV MJ,1X2,PNL GRD,SHLD



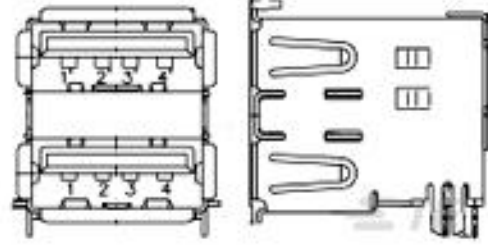
TE Model / Part #2-5406552-0
INV MJ,1X4,PNL GRD,LED (YG/YG)



TE Model / Part #1-1932258-2
Std USB 3,0, Type A, R/A, T/H



TE Model / Part #1367710-1
assy guide frame x2 cast metal type 2



TE Model / Part #1734062-3
USB Conn. stacked, offset, reel, W/
CAP



TE Model / Part #2170207-2
1X6 QSFP CAGE ASSEMBLY THRU
BEZEL WITH



TE Model / Part #6123001-5
0.8FH,P08H.5,120,30/Sn,TR,SC



TE Model / Part #7-5179180-2
0.8FH,R09H.5,060,30/Sn,TR,SC

Documents

Product Drawings

[FSMMSH=R/A TACT SWITCH, SMT W/OUT PEGS](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_1977067-1_B.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_1977067-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1977067-1_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SWITCHES_CORE_PROGRAM_CATALOG](#)

English