1977104-2 ✔ ACTIVE

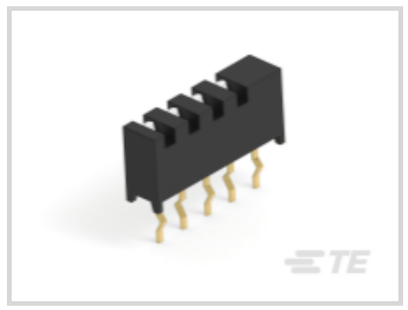
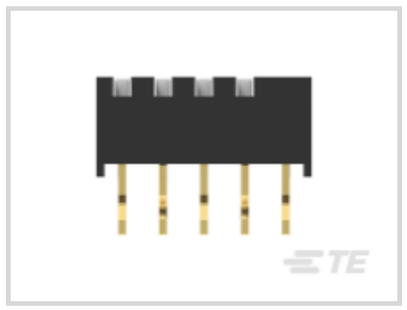
Alcoswitch | Alcoswitch DIP, Alcoswitch SIP STV

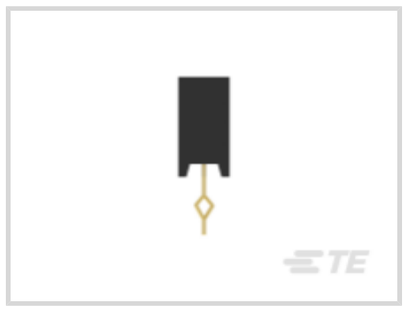
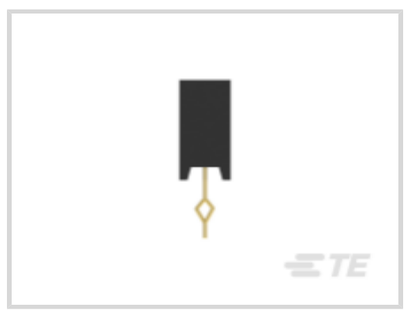
TE Internal #: 1977104-2

Gold Flash, Black, Polyphenylene Sulfide (PPS), 4 Switch, -25 – 70 °C, SIP, Slide Actuator Style, Alcoswitch DIP, DIP & SIP Switches

View on TE.com >

Switches > DIP & SIP Switches

Switch Contact Plating Material: **Gold Flash**

Case Color: **Black**

Case Material: **Polyphenylene Sulfide (PPS)**

Sealed Device: **No**

Number of Switches: **4**

Features

Product Type Features

Sealed Device	No
DIP & SIP Switch Type	SIP
Actuator Style	Slide

Configuration Features

Number of Positions	4
Number of Switches	4
Configuration (Pole-Throw)	Single Pole - Single Throw

Electrical Characteristics

Contact Current Rating	1 A
Operating Voltage	5 VDC

Body Features

Actuator Color	White
Product Orientation	Vertical
Case Color	Black

Case Material	Polyphenylene Sulfide (PPS)

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold
Switch Contact Plating Material	Gold Flash
Contact Base Material	Copper Alloy

Termination Features

Termination Post & Tail Length	3.6 mm[.142 in]
Termination Method to PCB	Through Hole - Press-Fit

Housing Features

Low Profile	No
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Product Length	13.35 mm[.526 in]
Product Height	6.22 mm[.244 in]

Usage Conditions

Operating Temperature Range	-25 – 70 °C

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	100
Packaging Method	Box & Carton

Product Compliance

For compliance documentation, visit the product page on TE.com>

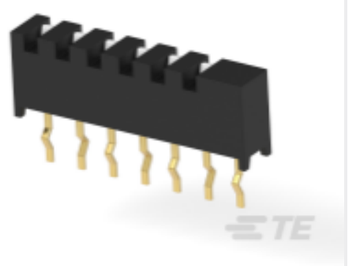
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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	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

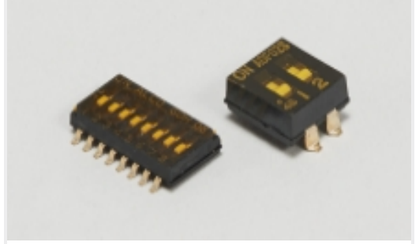


TE Part # 1977104-3
STV06=6 POS SIP SWITCH



TE Part # 1977104-1
STV02=2 POS SIP SWITCH

Also in the Series | Alcoswitch DIP

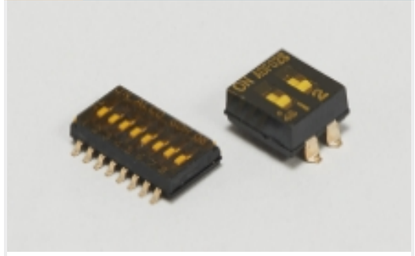


DIP & SIP Switches(185)



Rotary Switches(16)

Also in the Series | Alcoswitch SIP STV



DIP & SIP Switches(4)

Customers Also Bought



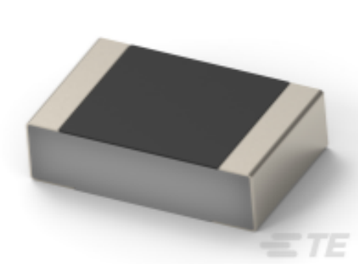
TE Part #2-1437565-8
FSM2JSMAA=TACTILE 260G FORCE S



TE Part #3-1879208-4
CPF 0402 240R 0.1% 25PPM 1K RL



TE Part #5-1676481-7
CPF 0603 1K3 0.1% 25PPM 1K RL



TE Part #5-2176074-3
CPF 0201 20K 0.5% 50PPM 1K RL

Documents

Product Drawings

STV04=4 POS SIP SWITCH

English

CAD Files

Customer View Model

ENG_CVM_CVM_1977104-2_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1977104-2_B1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1977104-2_B1.2d_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