

1977104-3 ✓ ACTIVE

[Alcoswitch](#) | [Alcoswitch DIP](#), [Alcoswitch SIP STV](#)

TE Internal #: 1977104-3

Alcoswitch DIP, DIP & SIP Switches, Switch, Gold Flash, Black Housing, Polyphenylene Sulfide (PPS), 6 Switch, -25 – 70 °C, SIP, Slide Actuator Style

[View on TE.com >](#)



Relays, Contactors & Switches > Switches > DIP & SIP Switches



DIP & SIP Switch Product Type: **Switch**

DIP & SIP Switch Contact Mating Area Plating Material: **Gold Flash**

DIP & SIP Switch Housing Color: **Black**

DIP & SIP Switch Housing Material: **Polyphenylene Sulfide (PPS)**

Auto-Insertable: **No**

Features

Product Type Features

| | |
|-------------------------------|--------|
| DIP & SIP Switch Product Type | Switch |
| Sealed DIP & SIP Switch | No |
| DIP & SIP Switch Type | SIP |
| Actuator Style | Slide |

Configuration Features

| | |
|----------------------------|----------------------------|
| Number of Positions | 6 |
| Number of Switches | 6 |
| Configuration (Pole-Throw) | Single Pole - Single Throw |

Electrical Characteristics

| | |
|---------------------------------|-------|
| DIP & SIP Switch Voltage Rating | 5 VDC |
|---------------------------------|-------|

Body Features

| | |
|----------------|-------|
| Actuator Color | White |
|----------------|-------|

Contact Features

| | |
|---|------------------|
| Solder Tail Contact Plating | Gold over Nickel |
| DIP & SIP Switch Contact Mating Area Plating Material | Gold Flash |
| Auto-Insertable | No |
| DIP & SIP Switch Contact Current Rating | 1 A |
| Contact Base Material | Copper Alloy |



Termination Features

| | |
|-------------------------|-----------------|
| Termination Post Length | 3.6 mm[.142 in] |
|-------------------------|-----------------|

Mechanical Attachment

| | |
|--------------------------------|--------------|
| Mounting Angle | Vertical |
| DIP & SIP Switch Mounting Type | Through Hole |

Housing Features

| | |
|-----------------------------------|-----------------------------|
| Low Profile | No |
| DIP & SIP Switch Housing Color | Black |
| DIP & SIP Switch Housing Material | Polyphenylene Sulfide (PPS) |
| DIP & SIP Switch Centerline | 2.54 mm[.1 in] |

Dimensions

| | |
|--------|-------------------|
| Height | 6.22 mm[.244 in] |
| Length | 18.44 mm[.726 in] |

Usage Conditions

| | |
|-----------------------------|-------------|
| Operating Temperature Range | -25 – 70 °C |
|-----------------------------|-------------|

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

| | |
|--------------------|--------------|
| Packaging Method | Box & Carton |
| Packaging Quantity | 100 |

Other

| | |
|---------|----------------------------------|
| Comment | Soldering in "off" position only |
|---------|----------------------------------|

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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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

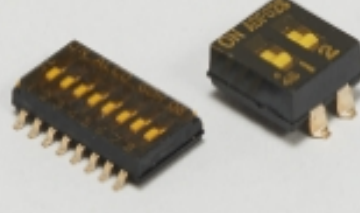


TE Part # 1977104-1
STV02=2 POS SIP SWITCH




TE Part # 1977104-2
STV04=4 POS SIP SWITCH


Also in the Series | Alcoswitch DIP



DIP & SIP Switches(291)



Rotary Switches(25)



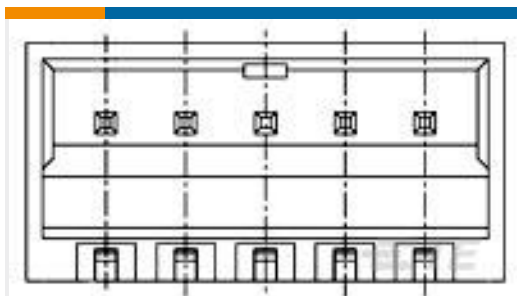
Switch Seals & Accessories(1)

Also in the Series | Alcoswitch SIP STV



DIP & SIP Switches(4)

Customers Also Bought



TE Part #5-1775444-3
EMIX CONN., 1.5MM PITCH, HDR, R/A, 3P



TE Part #3-1879011-5
SMF2 5K6 5%



TE Part #6339169-3
ASSY,SHLD,1X8,MJ,WAVE PNL



TE Part #3-6318491-6
.5FHP08H,220,S,GIG,08/Sn,HT,NSYes



TE Part #1-2176088-6
RP 1J 0.166W 1K07 0.1% 25PPM 1K RL



TE Part #1622796-1
YR1 0.1% 100K



TE Part #5-2176331-4
CRGP 2512 270K 1%



TE Part #3-1879352-7
RR02 5% 10R AMMO



TE Part #1410187-4
MULTIGIG RT T2 7RW DC DF CT



TE Part #2302795-2
RAPLUGASSY,CENTERDP,RTM,VPX, MG RT3

Documents

Product Drawings

STV06=6 POS SIP SWITCH

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1977104-3_B_c-1977104-3-b.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1977104-3_B_c-1977104-3-b.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1977104-3_B_c-1977104-3-b.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[SWITCHES_CORE_PROGRAM_CATALOG](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English