



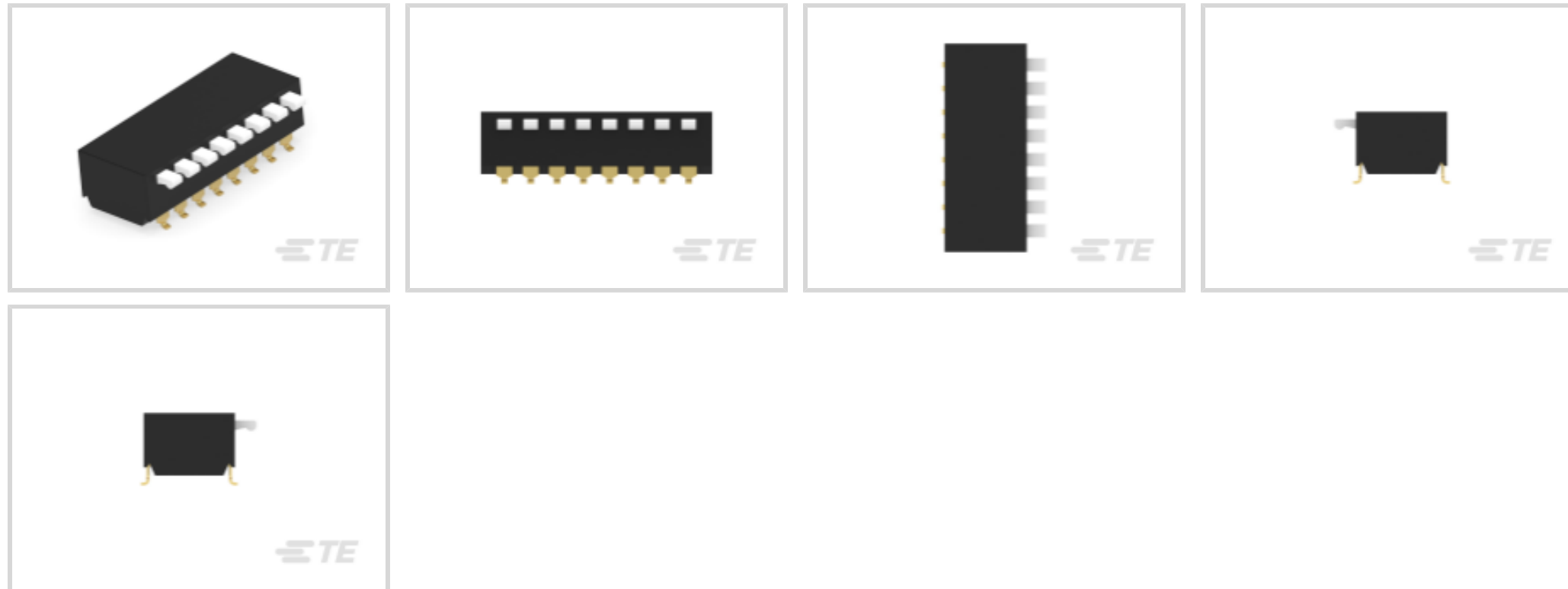
Alcoswitch | Alcoswitch DIP, Alcoswitch DIP ADP & ADPA

TE Internal #: 2-1571999-7

DIP & SIP Switches, Switch, Gold, Black Housing, Polyphenylene Sulfide (PPS), Auto-Insertable, 8 Switch, -30 – 85 °C, DIP, Alcoswitch DIP

[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**

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

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

Auto-Insertable: **Yes**

Features

Product Type Features

DIP & SIP Switch Product Type	Switch
Sealed DIP & SIP Switch	No
DIP & SIP Switch Type	DIP
Actuator Style	Piano (Side Actuated)

Configuration Features

Number of Positions	8
Number of Switches	8
Configuration (Pole-Throw)	Single Pole - Single Throw

Electrical Characteristics

DIP & SIP Switch Voltage Rating	5 VDC
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Body Features

Actuator Color	White
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Contact Features

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Solder Tail Contact Plating	Gold over Nickel
	1.2 μin
DIP & SIP Switch Contact Mating Area Plating Material	Gold
Auto-Insertable	Yes
DIP & SIP Switch Contact Current Rating	1 A
Contact Base Material	Copper Alloy

Termination Features

Termination Style	Outside L
Termination Post Length	4 mm[.157 in]

Mechanical Attachment

Mounting Angle	Vertical
DIP & SIP Switch Mounting Type	Surface Mount

Housing Features

On Position	Lever Down
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 mm[.236 in]
Length	22.3 mm[.878 in]

Usage Conditions

Operating Temperature Range	-30 – 85 °C
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box & Tube, Tube
Packaging Quantity	20

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 2022 (224) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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



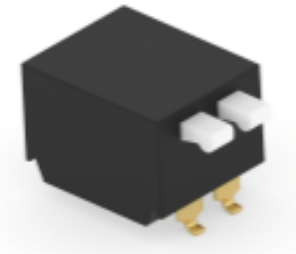
TE Part # 2-1571999-6
ADP0804=PIANO DIP SWITCH



TE Part # 1571999-6
ADP0404=PIANO DIP SWITCH



TE Part # 1571999-1
ADP0204=PIANO DIP SWITCH

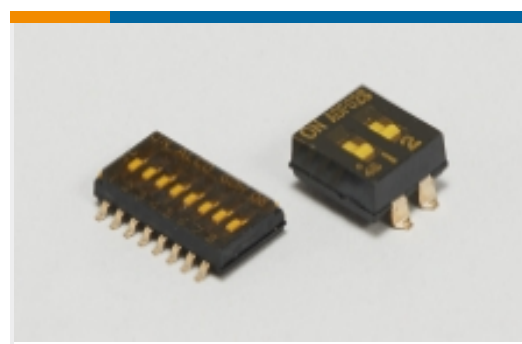


TE Part # 1571999-4
ADP02STR04=PIANO DIP SWITCH



TE Part # 2-1571999-9
ADP08STR04=PIANO DIP SWITCH

Also in the Series | [Alcoswitch DIP](#)



DIP & SIP Switches(291)

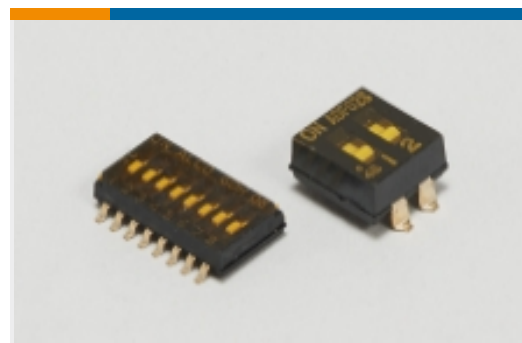


Rotary Switches(25)



Switch Seals & Accessories(1)

Also in the Series | [Alcoswitch DIP ADP & ADPA](#)



DIP & SIP Switches(24)

Documents

Product Drawings

[ADP08S04=PIANO DIP SWITCH](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2-1571999-7_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1571999-7_E.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1571999-7_E.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

[ADE_ADPA_ADF_Datasheet](#)

English