



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: **No**

## Features

### Product Type Features

DIP & SIP Switch Product Type	Switch
Sealed DIP & SIP Switch	Yes
DIP & SIP Switch Type	DIP
Actuator Style	Recessed Rocker

### Configuration Features

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

### Electrical Characteristics

DIP & SIP Switch Voltage Rating	50 VDC
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### Body Features

Seal Type	Tape
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### Contact Features

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



### Termination Features

Termination Style	Outside L
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### Mechanical Attachment

DIP & SIP Switch Mounting Type	Surface Mount
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### Housing Features

Low Profile	Yes
DIP & SIP Switch Housing Color	Black
DIP & SIP Switch Housing Material	Polyphenylene Sulfide (PPS)
DIP & SIP Switch Centerline	1.27 mm[.05 in]

### Dimensions

Length	11.28 mm[.444 in]
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### 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	Tape & Reel
Packaging Quantity	2000

### 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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

 <p>TE Part # 1571983-1 GDH02S04=DIP SWITCH</p>	 <p>TE Part # 1-1571983-0 GDH08S04=DIP SWITCH</p>	 <p>TE Part # 1571983-5 GDH04STR04=DIP SWITCH</p>	 <p>TE Part # 1571983-3 GDH02STR04=DIP SWITCH</p>
 <p>TE Part # 1571983-4 GDH04S04=DIP SWITCH</p>	 <p>TE Part # 1977830-2 DIP SWITCH GDH04SA04</p>	 <p>TE Part # 1977830-3 DIP SWITCH GDH06SA04</p>	 <p>TE Part # 1977830-4 DIP SWITCH GDH08SA04</p>
 <p>TE Part # 1571983-9 GDH06STR04=DIP SWITCH</p>	 <p>TE Part # 1-1571983-3 GDH10S04=DIP SWITCH</p>	 <p>TE Part # 1571983-8 GDH06S04=DIP SWITCH</p>	 <p>TE Part # 1-1571983-4 GDH10STR04=DIP SWITCH</p>
 <p>TE Part # 1977830-1 DIP SWITCH GDH02SA04</p>	 <p>TE Part # 1977831-1 DIP SWITCH GDH02SATR04</p>	 <p>TE Part # 1977831-2 DIP SWITCH GDH04SATR04</p>	 <p>TE Part # 1977831-3 DIP SWITCH GDH06SATR04</p>



TE Part # 1977831-4  
DIP SWITCH GDH08SATR04

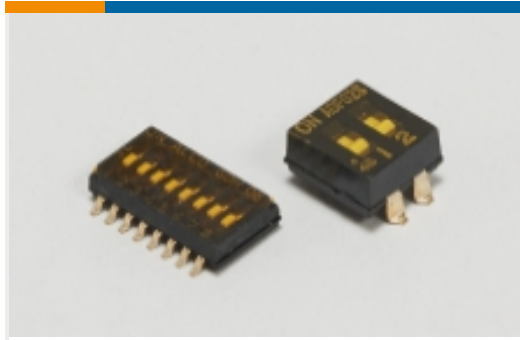


TE Part # 1977831-5  
DIP SWITCH GDH10SATR04



TE Part # 1977830-5  
DIP SWITCH GDH10SA04

### Also in the Series | Alcoswitch DIP



DIP & SIP Switches(291)

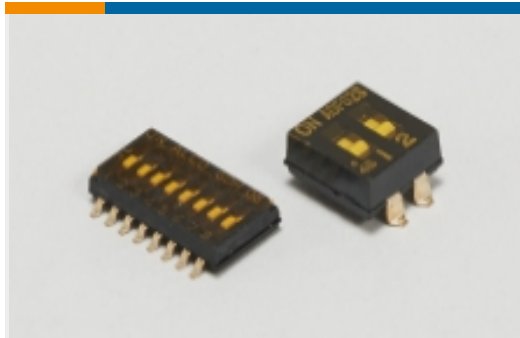


Rotary Switches(34)



Switch Boots & Accessories(1)

### Also in the Series | Alcoswitch DIP GDH



DIP & SIP Switches(22)

### Customers Also Bought



TE Part #1473005-1  
DDR2 SO DIMM Sockets



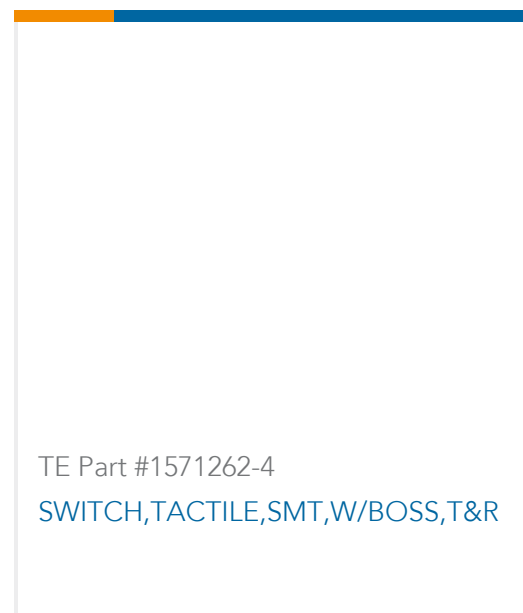
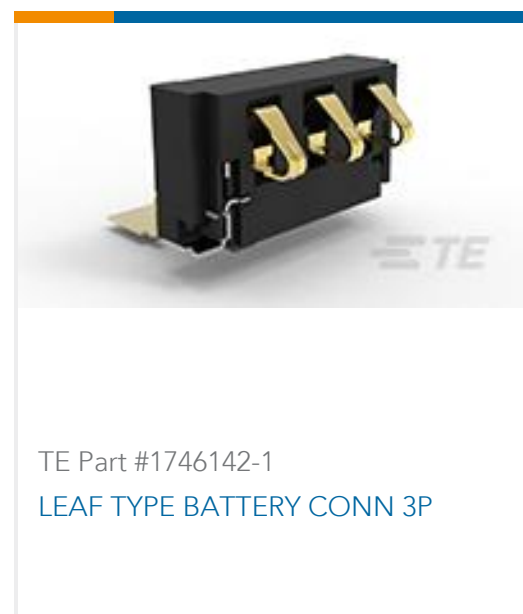
TE Part #1367073-1  
SFP Connectors



TE Part #1571983-1  
GDH02S04=DIP SWITCH



TE Part #1571983-5  
GDH04STR04=DIP SWITCH



## Documents

### Product Drawings

[GDH08STR04=DIP SWITCH](#)

English

### CAD Files

[3D PDF](#)

English

**Customer View Model**

[ENG\\_CVM\\_1-1571983-1\\_B.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_1-1571983-1\\_B.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_1-1571983-1\\_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

[MD\\_1-1571983-1\\_07022014101\\_dmtec](#)

English

[MD\\_1-1571983-1\\_07022014101\\_dmtec](#)

English

1-1571983-1

Alcoswitch DIP, DIP & SIP Switches, Switch, Gold, Black DIP & SIP Switch Housing  
Color, Polyphenylene Sulfide (PPS), Sealed DIP & SIP Switch, 8 Switch

