



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



Product Type: **Switch**

Contact Mating Area Plating Material: **Gold**

Housing Color: **Black**

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

Auto-Insertable: **No**

## Features

### Product Type Features

Product Type	Switch
Sealed	Yes
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

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
Contact Mating Area Plating Material	Gold
Auto-Insertable	No
Contact Current Rating	.1 A
Contact Base Material	Copper Alloy

### Termination Features

Termination Style	Outside L
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### Mechanical Attachment

Mounting Type	Surface Mount
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### Housing Features

Low Profile	Yes
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Housing Color	Black
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Housing Material	Polyphenylene Sulfide (PPS)
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Centerline	1.27 mm[.05 in]
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### 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	Tube
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Packaging Quantity	40
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## Product Compliance

[For compliance documentation, visit the product page on 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
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EU REACH Regulation (EC) No. 1907/2006	欧洲化学品管理局最新发布的SvHCs候选清单: 2019年7月 (201) SvHCs候选清单的声明更新至: 2019年7月 (201) 不含REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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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



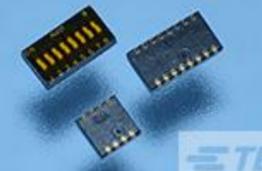
TE Model / Part # 1571983-5  
GDH04STR04=DIP SWITCH



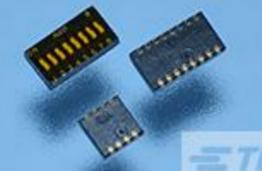
TE Model / Part # 1-1571983-1  
GDH08STR04=DIP SWITCH



TE Model / Part # 1571983-4  
GDH04S04=DIP SWITCH



TE Model / Part # 1977830-1  
DIP SWITCH GDH02SA04



TE Model / Part # 1977830-4  
DIP SWITCH GDH08SA04

### Also in the Series | Alcoswitch DIP



DIP & SIP Switches(256)



Rotary Switches(34)



Switch Boots & Accessories(1)

## Also in the Series | Alcoswitch DIP GDH



DIP & SIP Switches(21)

## Customers Also Bought



TE Model / Part #2-1761603-3  
IDC LOW PRO HDR 10P VERT BLUE



TE Model / Part #2-1437565-7  
FSM2JSMA=SMT,TACTILE,PB SWITCH



TE Model / Part #1473005-1  
SEMI HARD TRAY DDR SOCKET 200P



TE Model / Part #5787834-1  
STD USB TYPE B, VERTICAL, T/H



TE Model / Part #1-1571983-1  
GDH08STR04=DIP SWITCH



TE Model / Part #2-406549-1  
IMJ,1X1,PNL GRD,LED(G/Y), SN



TE Model / Part #1367073-1  
20 POS SMT CONN, SFP, 15AU



TE Model / Part #1571983-4  
GDH04S04=DIP SWITCH



TE Model / Part #1571983-1  
GDH02S04=DIP SWITCH

## Documents

### Product Drawings

[GDH08S04=DIP SWITCH](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_1-1571983-0\\_B.2d\\_dxf.zip](#)



English

Customer View Model

[ENG\\_CVM\\_1-1571983-0\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-1571983-0\\_B.3d\\_stp.zip](#)

English

[3D PDF](#)

English

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

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### Datasheets & Catalog Pages

[SWITCHES\\_CORE\\_PROGRAM\\_CATALOG](#)

English

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### Product Environmental Compliance

[MD\\_1-1571983-0\\_12072018732\\_dmtec](#)

English

[MD\\_1-1571983-0\\_12072018732\\_dmtec](#)

English