



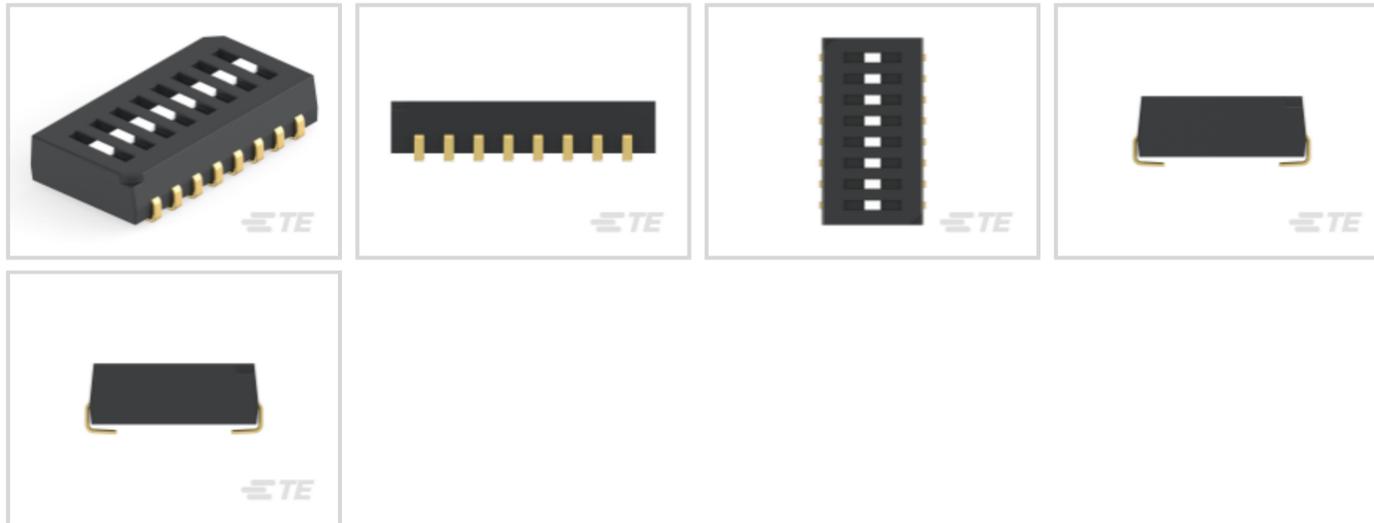
Alcoswitch | Alcoswitch DIP, Alcoswitch DIP GDH

TE Internal #: 1977830-4

DIP & SIP Switches, Switch, Gold, Black Housing, Polyphenylene Sulfide (PPS), Sealed, 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: **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
Actuator Color	White

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

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	11.29 mm[.444 in]
Height	2.2 mm[.093 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	40

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.

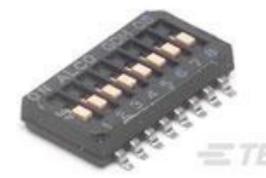
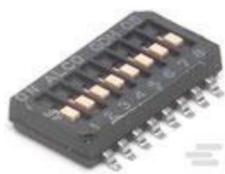
Solder Process Capability

Not reviewed for solder process capability

Product Compliance Disclaimer

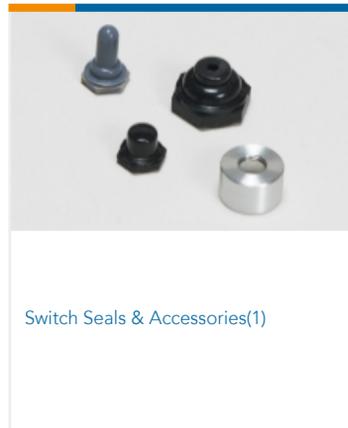
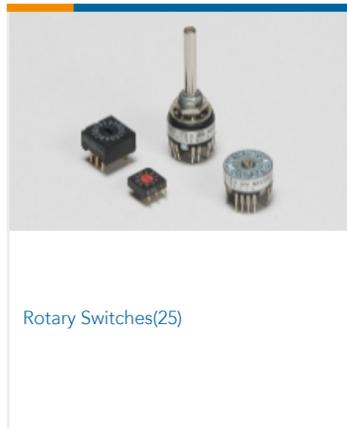
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1571983-1
GDH02S04=DIP SWITCHTE Part # 1-1571983-0
GDH08S04=DIP SWITCHTE Part # 1571983-5
GDH04STR04=DIP SWITCHTE Part # 1-1571983-1
GDH08STR04=DIP SWITCHTE Part # 1571983-9
GDH06STR04=DIP SWITCHTE Part # 1571983-3
GDH02STR04=DIP SWITCHTE Part # 1-1571983-3
GDH10S04=DIP SWITCHTE Part # 1571983-4
GDH04S04=DIP SWITCHTE Part # 1571983-8
GDH06S04=DIP SWITCHTE Part # 1-1571983-4
GDH10STR04=DIP SWITCHTE Part # 1977831-3
DIP SWITCH GDH06SATR04TE Part # 1977830-2
DIP SWITCH GDH04SA04



Also in the Series | **Alcoswitch DIP**



Also in the Series | **Alcoswitch DIP GDH**



Documents

[Product Drawings](#)
[DIP SWITCH GDH08SA04](#)

English

[CAD Files](#)
[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_1977830-4_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1977830-4_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1977830-4_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SWITCHES_CORE_PROGRAM_CATALOG](#)

English