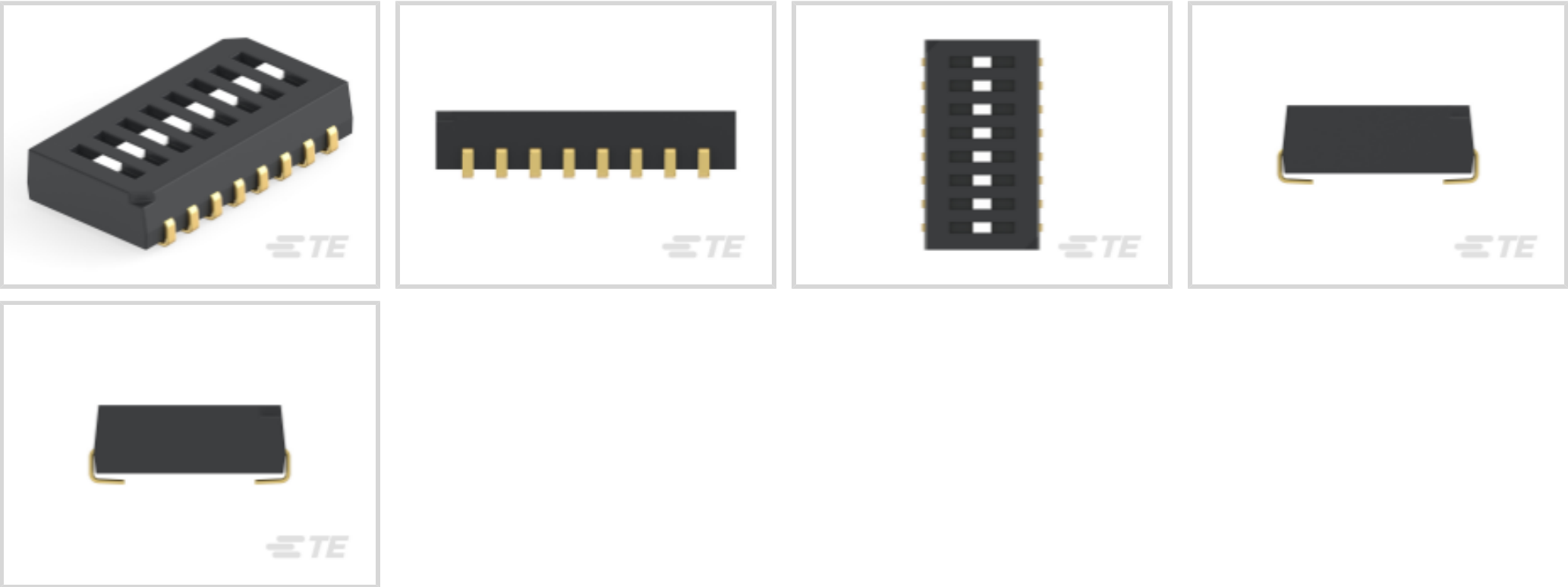




Switches > DIP & SIP Switches



DIP & SIP Switch Type: **DIP**
Switch Contact Plating Material: **Gold**
Case Color: **Black**
Case Material: **Polyphenylene Sulfide (PPS)**
Sealed Device: **Yes**

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Contact Current Rating	.1 A
Operating Voltage	50 VDC

Body Features

Sealing Method	Sealing Tape
Actuator Color	White
Case Color	Black



Case Material	Polyphenylene Sulfide (PPS)
Contact Features	
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold
Switch Contact Plating Material	Gold
Contact Base Material	Copper Alloy
Termination Features	
Termination Method to PCB	Surface Mount
Housing Features	
Low Profile	Yes
Centerline (Pitch)	1.27 mm[.05 in]
Dimensions	
Product Length	11.29 mm[.444 in]
Product Height	2.2 mm[.093 in]
Usage Conditions	
Operating Temperature Range	-30 – 85 °C
Industry Standards	
UL Flammability Rating	UL 94V-0
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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900



ppm.

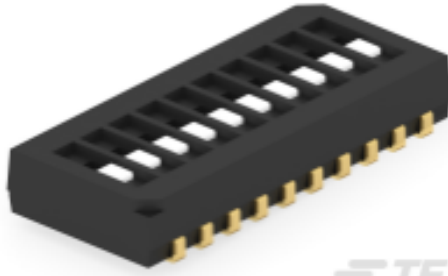
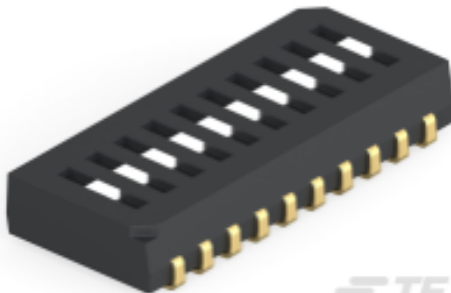
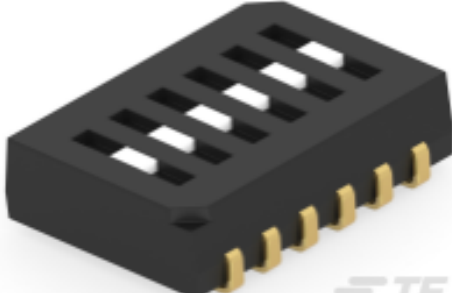
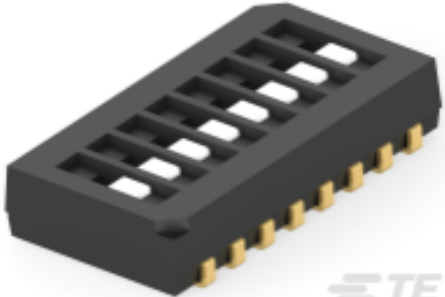
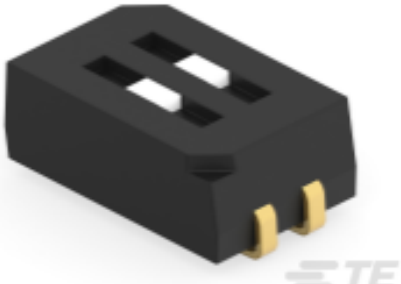
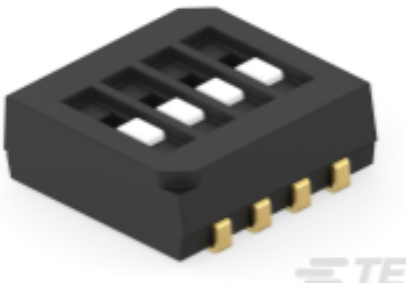
Solder Process Capability

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 # 1-1571983-1 GDH08STR04=DIP SWITCH	 TE Part # 1977831-5 DIP SWITCH GDH10SATR04	 TE Part # 1977830-5 DIP SWITCH GDH10SA04	 TE Part # 1977830-3 DIP SWITCH GDH06SA04
 TE Part # 1977831-4 DIP SWITCH GDH08SATR04	 TE Part # 1571983-4 GDH04S04=DIP SWITCH	 TE Part # 1977830-1 DIP SWITCH GDH02SA04	 TE Part # 1-1571983-3 GDH10S04=DIP SWITCH
 TE Part # 1977831-2 DIP SWITCH GDH04SATR04	 TE Part # 1977831-1 DIP SWITCH GDH02SATR04	 TE Part # 1977831-3 DIP SWITCH GDH06SATR04	 TE Part # 1-1571983-0 GDH08S04=DIP SWITCH





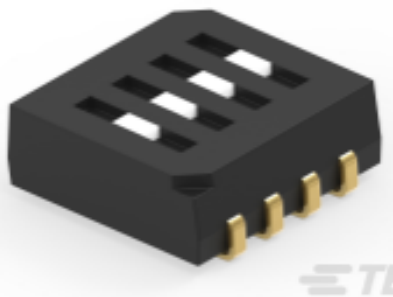
TE Part # 1571983-1
GDH02S04=DIP SWITCH



TE Part # 1571983-9
GDH06STR04=DIP SWITCH



TE Part # 1-1571983-4
GDH10STR04=DIP SWITCH



TE Part # 1977830-2
DIP SWITCH GDH04SA04



TE Part # 1571983-3
GDH02STR04=DIP SWITCH

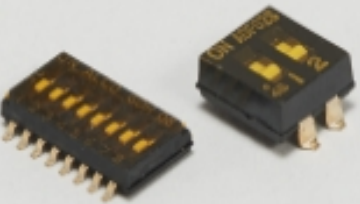


TE Part # 1571983-8
GDH06S04=DIP SWITCH



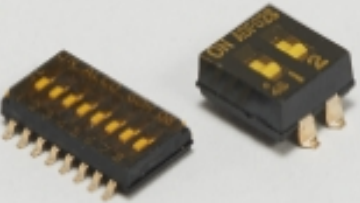
TE Part # 1571983-5
GDH04STR04=DIP SWITCH

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



DIP & SIP Switches(160)

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



DIP & SIP Switches(160)



Rotary Switches(16)

Customers Also Bought



TE Part #284902-E
STVC/3 30 F ABC VVW 7-00 TL 4,0 *
247 E0

TE Part #3-2176374-4
RQ 0805 237R 0.1% 10PPM 1K RL

TE Part #1393243-1
RTE24005

TE Part #1624322-3
UPW25 0.1% 5PPM 10K

TE Part #5-1415899-5
RZ03-1C3-D024

TE Part #1676218-2
RN 0805 1K02 0.1% 10PPM 1KRL

TE Part #2176323-3
SMV 2W 150K 5%

TE Part #826648-4
4P AMPMODU II STIFT LEI

TE Part #3-1437130-4
FSN-11A-6=NOMEX FS STD

TE Part #1337769-3
50 OHM COAX BNC STR PLUG STR P

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

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

Datasheets & Catalog Pages

GDH08SA04

DIP Switch, Gold Contact Plating, Black, Polyphenylene Sulfide (PPS), Sealed, 8 Switch, -30 – 85 °C, Recessed Rocker, Alcoswitch DIP



SWITCHES_CORE_PROGRAM_CATALOG

English