



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	6
Number of Switches	6
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
Housing Color	Black
Housing Material	Polyphenylene Sulfide (PPS)
Centerline	1.27 mm[.05 in]

Dimensions

Length	8.74 mm[.344 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	50

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: JUL 2019 (201) Candidate List Declared Against: JAN 2019 (197) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JAN 2019 (197)
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 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

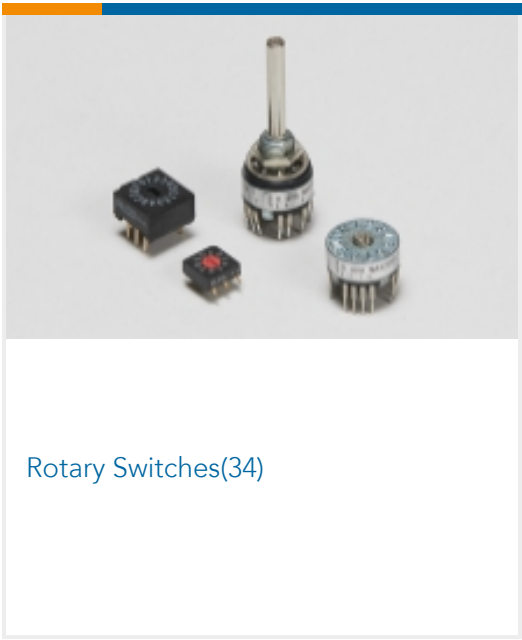


TE Model / Part # 1977830-4  
DIP SWITCH GDH08SA04

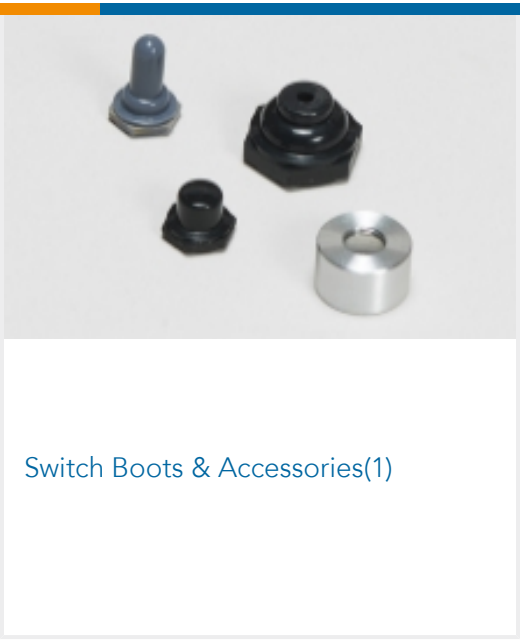
Also in the Series | Alcoswitch DIP



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



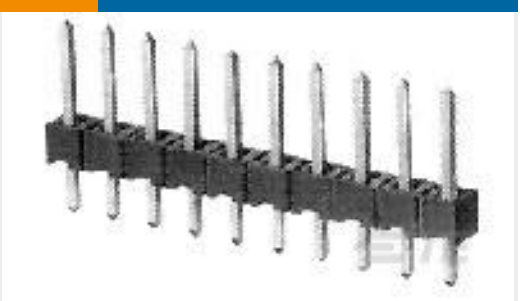
TE Model / Part #1-1571983-0  
GDH08S04=DIP SWITCH



TE Model / Part #3-1827233-6  
.5FHP05H,440,B,GIG,08/Sn,HT,NS



TE Model / Part #1241150-3  
3P MOD II BREAK AWAY HDR,SMD,  
BLISTER



TE Model / Part #825433-2  
MOD 2 PINHDR 1X2 P.



TE Model / Part #5787617-1  
RECP ASSY, R/A, STACKED, THRU-  
HOLE, USB,



TE Model / Part #2-1624117-0  
BMB-L 0805 1K



TE Model / Part #3-1437565-0  
FSM2JSMATR=ON T/R



TE Model / Part #1241050-3  
2x3P MOD II BREAK AWAY HDR,SMD,  
BLISTER



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



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

Documents

Product Drawings  
GDH06S04=DIP SWITCH

English

CAD Files  
Customer View Model  
ENG\_CVM\_1571983-8\_B.2d\_dxf.zip

English

Customer View Model



[ENG\\_CVM\\_1571983-8\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1571983-8\\_B.3d\\_stp.zip](#)

English

3D PDF

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\\_1571983-8\\_041320151449\\_dmtec](#)

English

[MD\\_1571983-8\\_041320151449\\_dmtec](#)

English