



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: **Yes**

## Features

### Product Type Features

Product Type	Switch
Sealed	Yes
Switch Type	DIP
Actuator Style	Slide

### Configuration Features

Number of Positions	4
Number of Switches	4
Configuration (Pole-Throw)	Single Pole - Single Throw

### Electrical Characteristics

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
	10 $\mu$ m
Contact Mating Area Plating Material	Gold
Auto-Insertable	Yes
Contact Current Rating	.1 A

Contact Base Material	Copper Alloy
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### Termination Features

Termination Style	Outside L
Termination Post Length	4.3 mm[.169 in]

### Mechanical Attachment

Mounting Angle	Vertical
Mounting Type	Surface Mount

### Housing Features

Low Profile	Yes
Housing Color	Black
Housing Material	Polyphenylene Sulfide (PPS)
Centerline	2.54 mm[.1 in]

### Dimensions

Height	2.7 mm[.106 in]
Length	10.01 mm[.394 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	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: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201)
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 # 1-1825006-5 GDS08S04=DIP SW,SLIDE,SMT	TE Model / Part # 1825006-8 GDS04STR04=DIP SW,SLIDE,SMT,TR	TE Model / Part # 1-1825006-1 GDS06S04=DIP SW,SLIDE,SMT	TE Model / Part # 1825006-5 GDS0404=DIP SW,SLIDE,THRU/HL
			
TE Model / Part # 1-1825006-3 GDS0804=DIP SW,SLIDE,THRU/HL	TE Model / Part # 1-1825006-6 GDS08STR04=DIP SW,SLIDE,SMT,TR	TE Model / Part # 1-1825006-7 GDS1004=DIP SW,SLIDE,THRU/HL	TE Model / Part # 1-1825006-9 GDS10S04=DIP SW,SLIDE,SMT



TE Model / Part # 1825006-3  
GDS02S04=DIP SW,SLIDE,SMT



TE Model / Part # 1825006-9  
GDS0604=DIP SW,SLIDE,THRU/HL



TE Model / Part # 1-1825006-2  
GDS06STR04=DIP SW,SLIDE,SMT,TR



TE Model / Part # 1825006-1  
GDS0204=DIP SW,SLIDE,THRU/HL




TE Model / Part # 1825006-4  
GDS02STR04=DIP SW,SLIDE,SMT,TR


### Also in the Series | Alcoswitch DIP



DIP & SIP Switches(256)



Rotary Switches(34)



Switch Boots & Accessories(1)

### Also in the Series | Alcoswitch DIP GDS



DIP & SIP Switches(15)

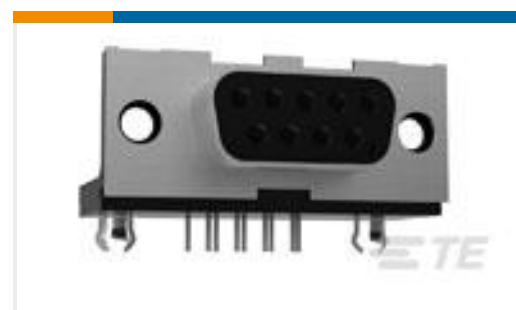
### Customers Also Bought



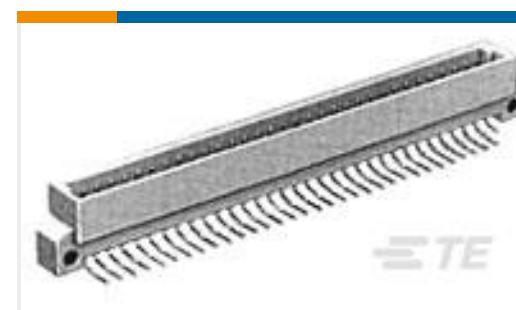
TE Model / Part #2-1761607-9  
IDC LOW PRO HDR 26P RA LG LAT



TE Model / Part #1-1825006-5  
GDS08S04=DIP SW,SLIDE,SMT



TE Model / Part #3-106505-2  
9P.HDP20 REC.ASSY.



TE Model / Part #6-1393644-6  
V42254B1200B640=PC612 MESSERLE



TE Model / Part #1676435-2  
RN 0805 7K15 0.1% 10PPM 1KRL



TE Model / Part #1-1825006-1  
GDS06S04=DIP SW,SLIDE,SMT



TE Model / Part #1676357-2  
RN 0805 4K32 0.1% 10PPM 1KRL



TE Model / Part #3-647166-2  
2P MTA100 HDR ASSY,SM,FL,LF



TE Model / Part #1825006-3  
GDS02S04=DIP SW,SLIDE,SMT

## Documents

### Product Drawings

[GDS04S04=DIP SW,SLIDE,SMT](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1825006-7\\_O.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1825006-7\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1825006-7\\_O.3d\\_stp.zip](#)

English

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## Datasheets & Catalog Pages



SWITCHES\_CORE\_PROGRAM\_CATALOG

English