

1-1825006-7 ✓ ACTIVE

[Alcoswitch](#) | [Alcoswitch DIP](#), [Alcoswitch DIP GDS](#)

TE Internal #: 1-1825006-7

Alcoswitch DIP, DIP & SIP Switches, Switch, Gold, Black DIP & SIP
Switch Housing Color, Polyphenylene Sulfide (PPS), Auto-Insertable

[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: **Yes**

Features

Product Type Features

DIP & SIP Switch Product Type	Switch
Sealed DIP & SIP Switch	Yes
DIP & SIP Switch Type	DIP
Actuator Style	Slide

Configuration Features

Number of Positions	10
Number of Switches	10
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
	10 μ m
DIP & SIP Switch Contact Mating Area Plating Material	Gold
Auto-Insertable	Yes



DIP & SIP Switch Contact Current Rating	.1 A
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Contact Base Material	Copper Alloy
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Termination Features

Termination Post Length	4.3 mm[.169 in]
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Mechanical Attachment

Mounting Angle	Vertical
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DIP & SIP Switch Mounting Type	Through Hole
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Housing Features

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

Height	2.7 mm[.106 in]
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Length	25.25 mm[.994 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	15
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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	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) Does not contain REACH SVHC
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Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Wave solder capable to 265°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 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 Model / Part # 1825006-7
GDS04S04=DIP SW,SLIDE,SMT



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



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

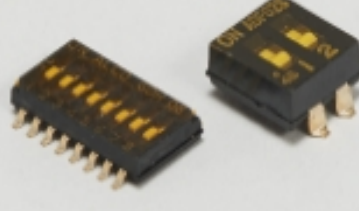


TE Model / Part # 1-1825006-6
GDS08STR04=DIP SW,SLIDE,SMT,TR




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


Also in the Series | Alcoswitch DIP



DIP & SIP Switches(256)

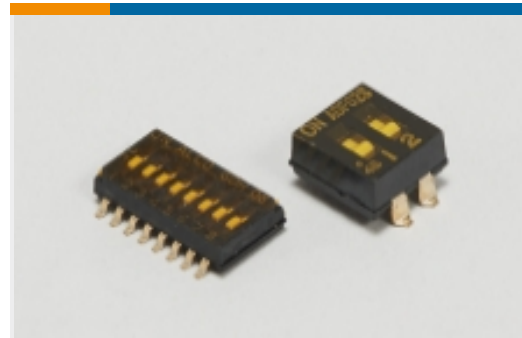


Rotary Switches(34)



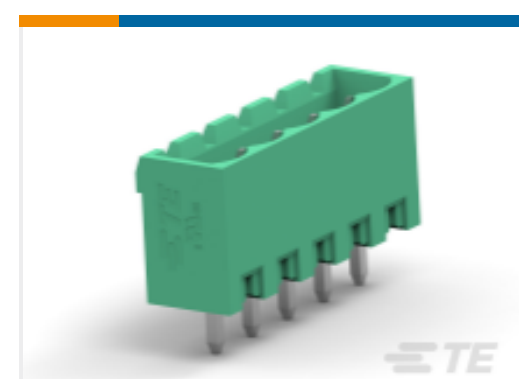
Switch Boots & Accessories(1)

Also in the Series | Alcoswitch DIP GDS



DIP & SIP Switches(15)

Customers Also Bought

TE Model / Part #1-2176379-2
RQ 0805 140R 0.1% 10PPM 5K RLTE Model / Part #EM7486-000
X2-5.0-0-SP-SMTE Model / Part #2351885-8
8POS TB HDR 180 DEG, PITCH 5.0&TL
4.5mmTE Model / Part #5-2176408-3
3560 5M6 5%TE Model / Part #7-2176304-9
RP 1E 0.1W 64R9 0.1% 25PPM 5K RLTE Model / Part #213672-3
25P RECPT ASSY,DRWR CONN LFTE Model / Part #3-2213766-4
AV19 SPL 0.4VA POWER LED GREEN
12VTE Model / Part #1461410-2
PCFN SOLAR RELAYTE Model / Part #4-1415538-9
RTD3L024TE Model / Part #6-2213766-9
AV19 DPL 5A POWER LED YELLOW
12V

Documents

Product Drawings

GDS1004=DIP SW,SLIDE,THRU/HL

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_1-1825006-7_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1825006-7_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1825006-7_O.3d_stp.zip](#)

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