

3-1825059-1 ✓ ACTIVE

[Alcoswitch](#) | [Alcoswitch ADF](#)

TE Internal #: 3-1825059-1

Alcoswitch ADF, DIP & SIP Switches, Switch, Gold Flash, Black Housing, Polyphenylene Sulfide (PPS), Auto-Insertable, 7 Switch, -30 – 85 °C, 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 Flash**

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	No
DIP & SIP Switch Type	DIP
Actuator Style	Flush, Slide

### Configuration Features

Number of Positions	7
Number of Switches	7
Configuration (Pole-Throw)	Single Pole - Single Throw

### Electrical Characteristics

DIP & SIP Switch Voltage Rating	5 VDC
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### Body Features

Actuator Color	White
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### Contact Features

	1.2 $\mu$ in
Solder Tail Contact Plating	Nickel
DIP & SIP Switch Contact Mating Area Plating Material	Gold Flash
Auto-Insertable	Yes
DIP & SIP Switch Contact Current Rating	1 A



Contact Base Material	Copper Alloy
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### Termination Features

Termination Style	Outside L
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### Mechanical Attachment

DIP & SIP Switch Mounting Type	Surface Mount
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### Housing Features

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

Length	19.76 mm[.778 in]
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Height	3.5 mm[.138 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
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Packaging Quantity	20
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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: JAN 2022 (223) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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Solder Process Capability	Reflow solder capable to 260°C
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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 # 4-1825059-2  
ADF08STTR04=DIP S,FLUSH,SMT-GW



TE Part # 1-1825059-8  
ADF04STTR04=DIP S,FLUSH,SMT-GW



TE Part # 5-1825059-4  
ADF10STTR04=DIP S,FLUSH,SMT-GW



TE Part # 1-1825059-3  
ADF04S04=DIP SWT,FLUSH,SMT-GW



TE Part # 6-1825059-3  
ADF06STR04

### Also in the Series | Alcoswitch ADF



DIP & SIP Switches(10)

### Customers Also Bought



TE Part #2-320569-5  
TERMINAL,PIDG R IR 12 1/4



TE Part #3-641437-3  
03P MTA156 PSTD CONN ASSY RED



TE Part #3-640601-2  
02P MTA156 CONN ASSY 22AWG LF



TE Part #140760-2  
250 FASTON,REC.,22-18 AWG,TPPB



TE Part #1-794615-8  
PANEL MT DBL ROW HSG 18 POS



TE Part #1-1827863-5  
DYNAMIC 1100D REC HSG 30P X BLACK



TE Part #5221111-1  
JACK,PCB,VERTICAL,SERIES SMB



TE Part #3-641438-3  
03P MTA156 PSTD CONN ASSY WHT



TE Part #1734320-1  
RJ45, W/ PANEL, Y/G LEDS, DIP, 6U" Au

## Documents

### Product Drawings

[ADF07S04=DIP SWT,FLUSH,SMT-GW](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1825059-1\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1825059-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1825059-1\\_B.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