

1825002-9 ✓ ACTIVE

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

TE Internal #: 1825002-9

Alcoswitch DIP, DIP & SIP Switches, Switch, Gold Flash, Black Housing Color, Polyphenylene Sulfide (PPS), Auto-Insertable, 6 Switch

[View on TE.com >](#)



Relays, Contactors & Switches > Switches > DIP & SIP Switches



Product Type: **Switch**

Contact Mating Area Plating Material: **Gold Flash**

Housing Color: **Black**

Housing Material: **Polyphenylene Sulfide (PPS)**

Auto-Insertable: **Yes**

## Features

### Product Type Features

Product Type	Switch
Sealed	No
Switch Type	DIP
Actuator Style	Flush, Slide

### Configuration Features

Number of Positions	6
Number of Switches	6
Configuration (Pole-Throw)	Single Pole - Single Throw

### Electrical Characteristics

Voltage Rating	5 VDC
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### Body Features

Actuator Color	White
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### Contact Features

Solder Tail Contact Plating	Gold over Nickel
	1.2 $\mu$ m
Contact Mating Area Plating Material	Gold Flash
Auto-Insertable	Yes
Contact Current Rating	1 A



Contact Base Material	Copper Alloy
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### Termination Features

Termination Post Length	4 mm[.157 in]
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### Mechanical Attachment

Mounting Angle	Vertical
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Mounting Type	Through Hole
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### Housing Features

Housing Color	Black
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Housing Material	Polyphenylene Sulfide (PPS)
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Centerline	2.54 mm[.1 in]
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### Dimensions

Height	4 mm[.138 in]
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Length	17.22 mm[.677 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	25
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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: JUL 2017 (174) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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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 # 1-1825059-3  
ADF04S04=DIP SWT,FLUSH,SMT-GW



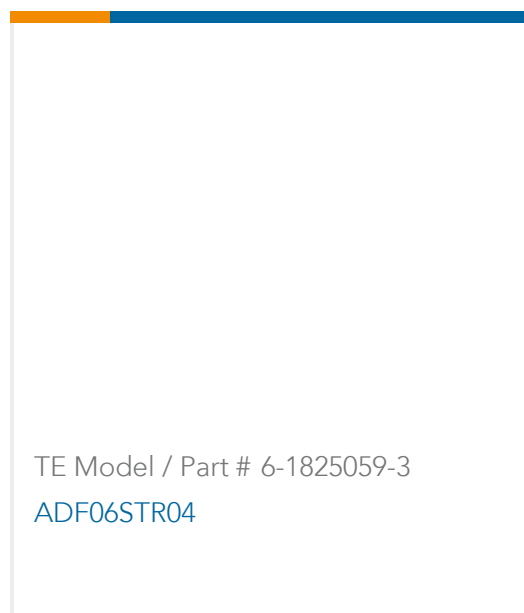
TE Model / Part # 4-1825059-2  
ADF08STTR04=DIP S,FLUSH,SMT-GW



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



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

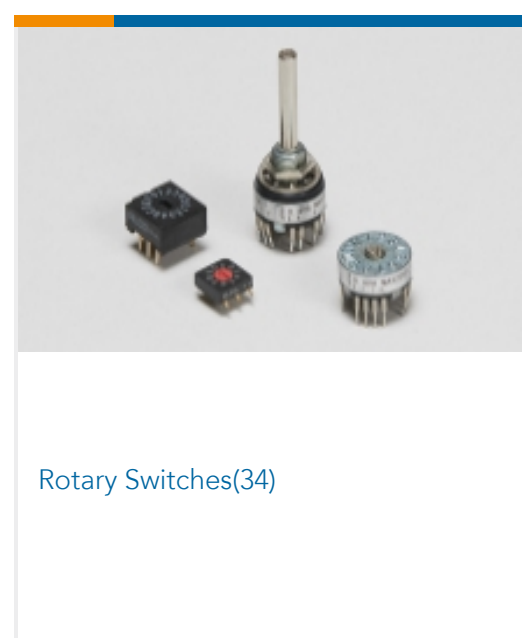


TE Model / Part # 6-1825059-3  
ADF06STR04

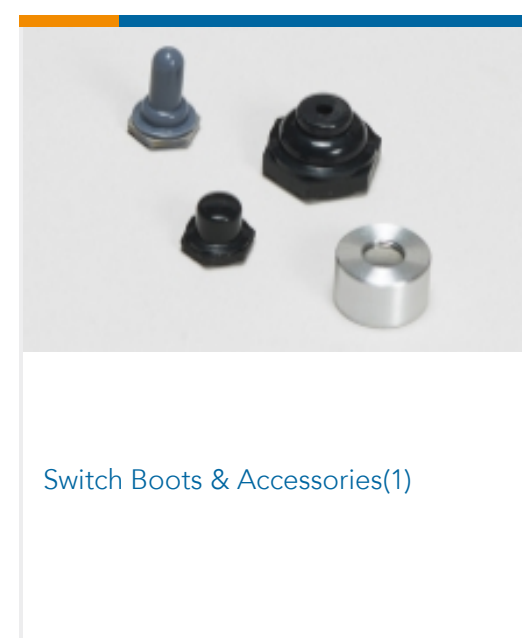
### Also in the Series | Alcoswitch DIP



DIP & SIP Switches(256)



Rotary Switches(34)



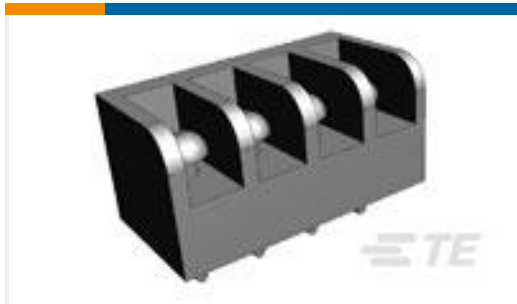
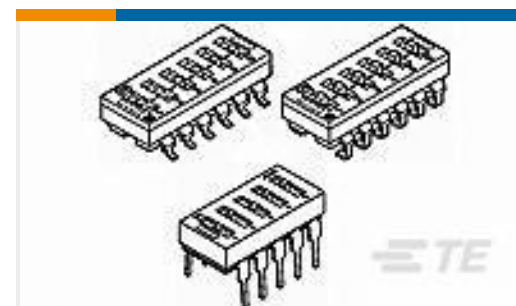
Switch Boots & Accessories(1)

### Also in the Series | Alcoswitch DIP ADF



DIP &amp; SIP Switches(49)

## Customers Also Bought

TE Model / Part #4-1437646-2  
3PCV-04-006=733004600TE Model / Part #7-1437648-4  
4PCV-05-006=#4 TRIBARRIER TERMTE Model / Part #2-2176049-6  
RLP73K 1E R56 1% 1K RLTE Model / Part #5-103634-1  
02 MTE HDR SRRA LATCH.100CL LFTE Model / Part #1825002-5  
ADF0404=DIP SWT,FLUSH,THRU/HLTE Model / Part #4-2176337-9  
CRGCO 0402 100K 1%TE Model / Part #1825360-4  
ADE06A04=6 POS DIP SWITCHTE Model / Part #1825002-1  
ADF0204=DIP SWT,FLUSH,THRU/HLTE Model / Part #2328702-4  
4PIN 0.5MMP FPC CONNECTOR,  
BACK FLIP LOCK

## Documents

### Product Drawings

[ADF0604=DIP SWT,FLUSH,THRU/HL](#)

English

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1825002-9\\_O.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1825002-9\\_O.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1825002-9\\_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