



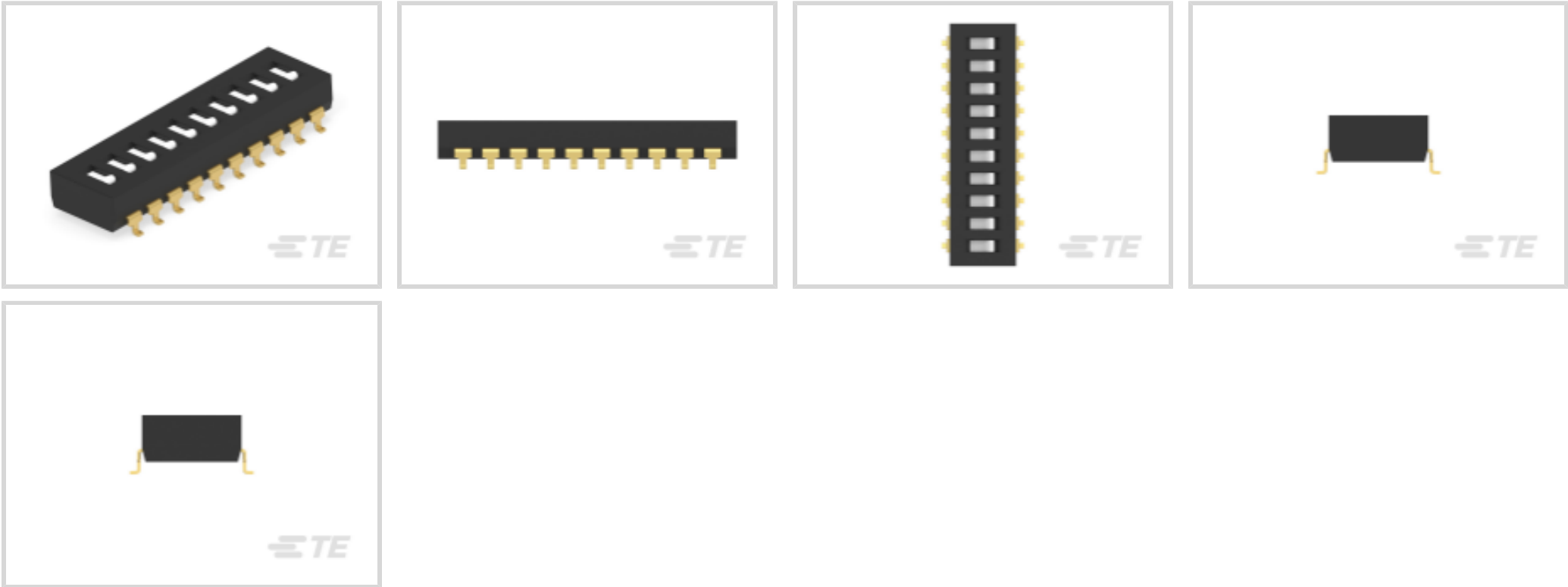
ALCOSWITCH | ALCOSWITCH DIP, ALCOSWITCH DIP ADF

TE Internal #: 4-1825059-9

DIP Switch, Gold Flash Contact Plating, Black, Polyphenylene Sulfide (PPS), 10 Switch, -30 – 85 °C [-22 – 185 °F], ALCOSWITCH DIP

[View on TE.com >](#)

Switches > DIP & SIP Switches



Switch Contact Plating Material: Gold Flash

Case Color: Black

Case Material: Polyphenylene Sulfide (PPS)

Sealed Device: No

Number of Switches: 10

Features

Product Type Features

|                       |                                |
|-----------------------|--------------------------------|
| Leg Style             | Gull Wing                      |
| Sealed Device         | No                             |
| DIP & SIP Switch Type | DIP                            |
| Actuator Style        | Flush Actuator, Slide Actuator |

Configuration Features

|                            |                            |
|----------------------------|----------------------------|
| Number of Positions        | 10                         |
| Number of Switches         | 10                         |
| Configuration (Pole-Throw) | Single Pole - Single Throw |

Electrical Characteristics

|                        |       |
|------------------------|-------|
| Contact Current Rating | 1 A   |
| Operating Voltage      | 5 VDC |

Body Features

|                |       |
|----------------|-------|
| Actuator Color | White |
| Case Color     | Black |



|               |                             |
|---------------|-----------------------------|
| Case Material | Polyphenylene Sulfide (PPS) |
|---------------|-----------------------------|

Contact Features

|                                               |              |
|-----------------------------------------------|--------------|
|                                               | 1.2 μin      |
| PCB Contact Termination Area Plating Material | Nickel       |
| Switch Contact Plating Material               | Gold Flash   |
| Contact Base Material                         | Copper Alloy |

Termination Features

|                           |               |
|---------------------------|---------------|
| Termination Method to PCB | Surface Mount |
|---------------------------|---------------|

Housing Features

|                    |                |
|--------------------|----------------|
| Centerline (Pitch) | 2.54 mm[.1 in] |
|--------------------|----------------|

Dimensions

|                |                    |
|----------------|--------------------|
| Product Length | 27.36 mm[1.078 in] |
| Product Height | 3.5 mm[.138 in]    |

Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -30 – 85 °C[-22 – 185 °F] |
|-----------------------------|---------------------------|

Operation/Application

|                          |                       |
|--------------------------|-----------------------|
| Assembly Process Feature | Auto-Insert Packaging |
|--------------------------|-----------------------|

Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Method   | Tape & Reel |
| Packaging Quantity | 15          |

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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold                                          |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250) |



|                           |                                                |
|---------------------------|------------------------------------------------|
|                           | Does not contain REACH SVHC                    |
| Halogen Content           | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Reflow solder capable to 260°C                 |

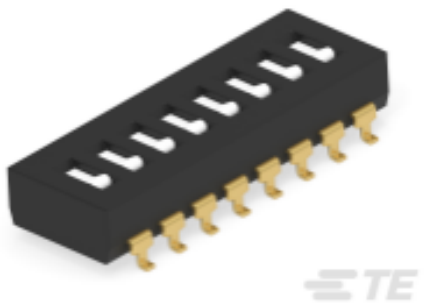
Product Compliance Disclaimer

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 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



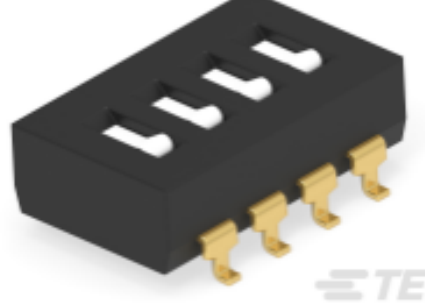
TE Part # 5-1825059-4  
ADF10STTR04=DIP S,FLUSH,SMT-GW



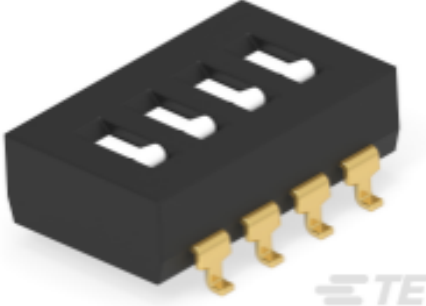
TE Part # 4-1825059-2  
ADF08STTR04=DIP S,FLUSH,SMT-GW



TE Part # 6-1825059-3  
ADF06STR04

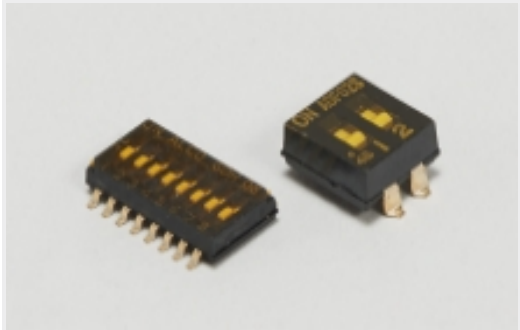


TE Part # 1-1825059-8  
ADF04STTR04=DIP S,FLUSH,SMT-GW



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

Also in the Series | ALCOSWITCH DIP



DIP & SIP Switches(66)



Rotary Switches(16)



Also in the Series | [ALCOSWITCH DIP ADF](#)



Customers Also Bought



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_4-1825059-9\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-1825059-9\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-1825059-9\\_B.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[SWITCHES\\_CORE\\_PROGRAM\\_CATALOG](#)

English

[ADE \\_ADP \\_ADF\\_Datasheet](#)

English