



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

TE Internal #: 1825059-3

Alcoswitch DIP, DIP & SIP Switches, Switch, Gold Flash, 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 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 | Yes |
| DIP & SIP Switch Type | DIP |
| Actuator Style | Flush, Slide |

Configuration Features

| | |
|----------------------------|----------------------------|
| Number of Positions | 2 |
| Number of Switches | 2 |
| Configuration (Pole-Throw) | Single Pole - Single Throw |

Electrical Characteristics

| | |
|---------------------------------|-------|
| DIP & SIP Switch Voltage Rating | 5 VDC |
|---------------------------------|-------|

Body Features

| | |
|----------------|-------|
| Seal Type | Tape |
| Actuator Color | White |

Contact Features

| | |
|---|------------|
| | 1.2 μin |
| 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 |

Termination Features

| | |
|-------------------|----------|
| Termination Style | Inside L |
|-------------------|----------|

Mechanical Attachment

| | |
|--------------------------------|---------------|
| DIP & SIP Switch Mounting Type | Surface Mount |
|--------------------------------|---------------|

Housing Features

| | |
|-----------------------------------|-----------------------------|
| DIP & SIP Switch Housing Color | Black |
| DIP & SIP Switch Housing Material | Polyphenylene Sulfide (PPS) |
| DIP & SIP Switch Centerline | 2.54 mm[.1 in] |

Dimensions

| | |
|--------|------------------|
| Length | 7.06 mm[.278 in] |
| Height | 3.5 mm[.138 in] |

Usage Conditions

| | |
|-----------------------------|-------------|
| Operating Temperature Range | -30 – 85 °C |
|-----------------------------|-------------|

Industry Standards

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

Packaging Features

| | |
|--------------------|-------------|
| Packaging Method | Tape & Reel |
| Packaging Quantity | 60 |

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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |

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

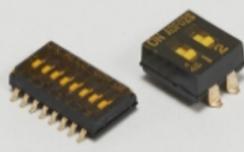


TE Model / Part # 1-1825059-8
ADF04STTR04=DIP S,FLUSH,SMT-GW



TE Model / Part # 6-1825059-3
ADF06STR04

Also in the Series | Alcoswitch DIP



DIP & SIP Switches(256)



Rotary Switches(34)



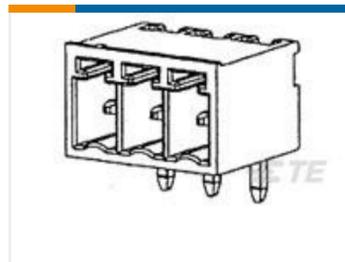
Switch Boots & Accessories(1)

Also in the Series | Alcoswitch DIP ADF



DIP & SIP Switches(49)

Customers Also Bought

TE Model / Part #1-2350513-2
12POS TB HDR 90 DEG, PITCH 5.0
&TL 4.5mmTE Model / Part #2007884-1
IMP100S,H,V6P10C,UG,OEWS39,4.5TE Model / Part #796695-2
2 POS TERMI-BLOK HDR 900 POLARTE Model / Part #2176310-3
RP 1E 0.1W 113R 0.1% 25PPM 1K RLTE Model / Part #YDTS20F21-
11HEV001
D38999: Square Flange, 21-11 insertTE Model / Part #YDTS20F25-
29SAV001
D38999: Square Flange, 25-29 insertTE Model / Part #104483-6
38 SHORT PT RCPT HSG DR .100CLTE Model / Part #2007877-1
IMP100S,H,V6P10C,RG,OEWS39,4.5TE Model / Part #
YACT20ME35PNC00100
SQUARE FLANGE RECEPTACLETE Model / Part #1623771-3
C3A 10K 5% AMMO PK

Documents

Product Drawings

[ADF02SAT04=DIP SW,FLUSH,SMT-JL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1825059-3_A.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1825059-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1825059-3_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SWITCHES_CORE_PROGRAM_CATALOG](#)

English