



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

TE Internal #: 1-1825002-8

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

Electrical Characteristics

DIP & SIP Switch Voltage Rating	5 VDC
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Body Features

Seal Type	Tape
Actuator Color	White

Contact Features

Solder Tail Contact Plating	Gold over Nickel
	1.2 μ m
DIP & SIP Switch Contact Mating Area Plating Material	Gold Flash
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 mm[.157 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

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	4 mm[.138 in]
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Length	27.4 mm[1.078 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: JUL 2019 (201) Does not contain REACH SVHC
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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

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

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

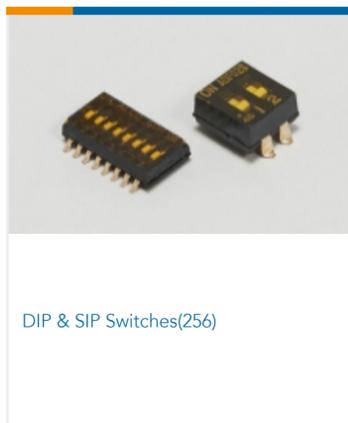


TE Model / Part # 1-1825059-8
ADF04STTR04=DIP S,FLUSH,SMT-GW

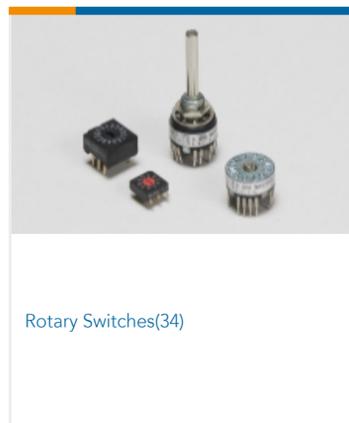


TE Model / Part # 6-1825059-3
ADF06STR04

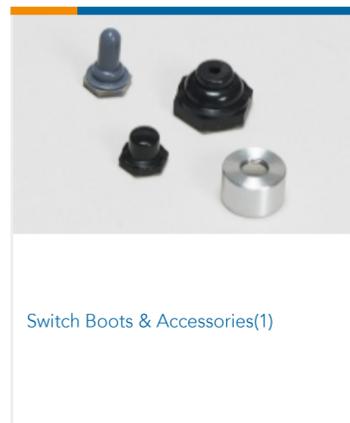
Also in the Series | Alcoswitch DIP



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 #3-282836-5
TERMI-BLOK PCB MOUNT 90 3P KeTE Model / Part #5-1546158-1
6PCV-05-007=0.375 SERIES #6 TRTE Model / Part #4-640620-9
19P MTA100 CONN ASSY F/T REDTE Model / Part #C87803-000
MTCPOKT1P2SGAATE Model / Part #5212046-1
7 CIRC DIN RCPT GRND SHLDTE Model / Part #8-1879128-3
RN 0402 1K05 0.1% 10PPM 1K RLTE Model / Part #1623916-8
3203X 200KTE Model / Part #5650959-5
ASSY,RECEPT,EUROCARD,TYPE R,
LEAD-FREE,15TE Model / Part #C29844-000
MTCPOKT1R2PGAATE Model / Part #2-1618256-5
PD5C335=RELAY, VACUUM, SPDT

Documents

Product Drawings

[ADF10T04=DIP SWT,FLUSH,THRU/HL](#)

English

CAD Files

[3D PDF](#)

[3D](#)



Customer View Model

[ENG_CVM_CVM_1-1825002-8_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1825002-8_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1825002-8_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