

1825002-1 ✓ ACTIVE

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

TE Internal #: 1825002-1

Alcoswitch DIP, DIP & SIP Switches, Switch, Gold Flash, Black Housing, Polyphenylene Sulfide (PPS), Auto-Insertable, 2 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	2
Number of Switches	2
Configuration (Pole-Throw)	Single Pole - Single Throw

Electrical Characteristics

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

Body Features

Actuator Color	White
----------------	-------

Contact Features

Solder Tail Contact Plating	Gold over Nickel
	1.2 µin
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 Post Length	4 mm[.157 in]
-------------------------	---------------

Mechanical Attachment

Mounting Angle	Vertical
----------------	----------

DIP & SIP Switch Mounting Type	Through Hole
--------------------------------	--------------

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

Height	4 mm[.138 in]
--------	---------------

Length	7.06 mm[.277 in]
--------	------------------

Usage Conditions

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

Industry Standards

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

Packaging Features

Packaging Method	Tube
------------------	------

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: JAN 2022 (223) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
--	---

Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
-----------------	--



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 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

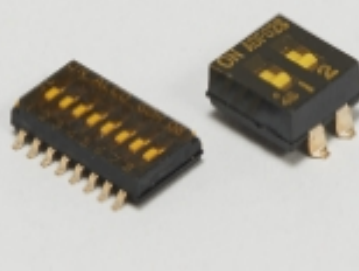


TE Part # 1-1825059-3
ADF04S04=DIP SWT,FLUSH,SMT-GW




TE Part # 6-1825059-3
ADF06STR04


Also in the Series | Alcoswitch DIP



DIP & SIP Switches(291)

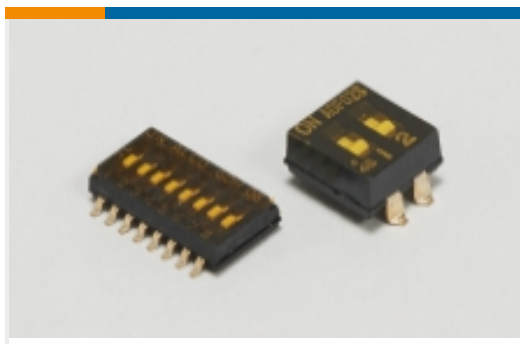


Rotary Switches(25)



Switch Seals & Accessories(1)

Also in the Series | Alcoswitch DIP ADF



DIP & SIP Switches(78)

Customers Also Bought



TE Part #227699-2
BNC PCB VERTICAL



TE Part #3-641190-6
06P MTA100 CONN ASSY RED LF



TE Part #2176117-7
TLR 1206 1.0W R006 1% 50PPM 2K RL



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



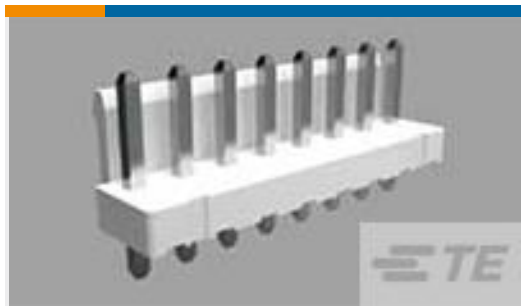
TE Part #160108-2
RING TONGUE IS 20-16 0.0253 X.940 TPBR



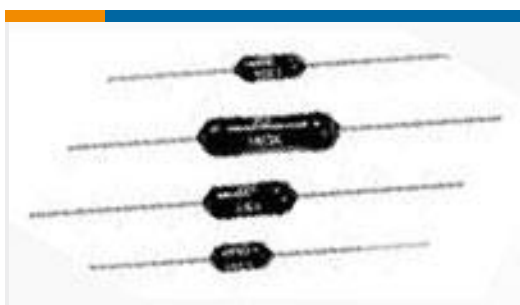
TE Part #9-2176401-7
3540 150R 5%



TE Part #2176331-7
CRGP 2512 33R 1%



TE Part #1-1744037-2
12P EC PWR.200 CL HDR ASSY VRT



TE Part #1-1879631-6
HB 43R 1% 100PPM



TE Part #7-1440004-7
OSA-SH-205DM5,600

Documents

Product Drawings

[ADF0204=DIP SWT,FLUSH,THRU/HL](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_1825002-1_A.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1825002-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1825002-1_A.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