1825002-1 ✔ ACTIVE

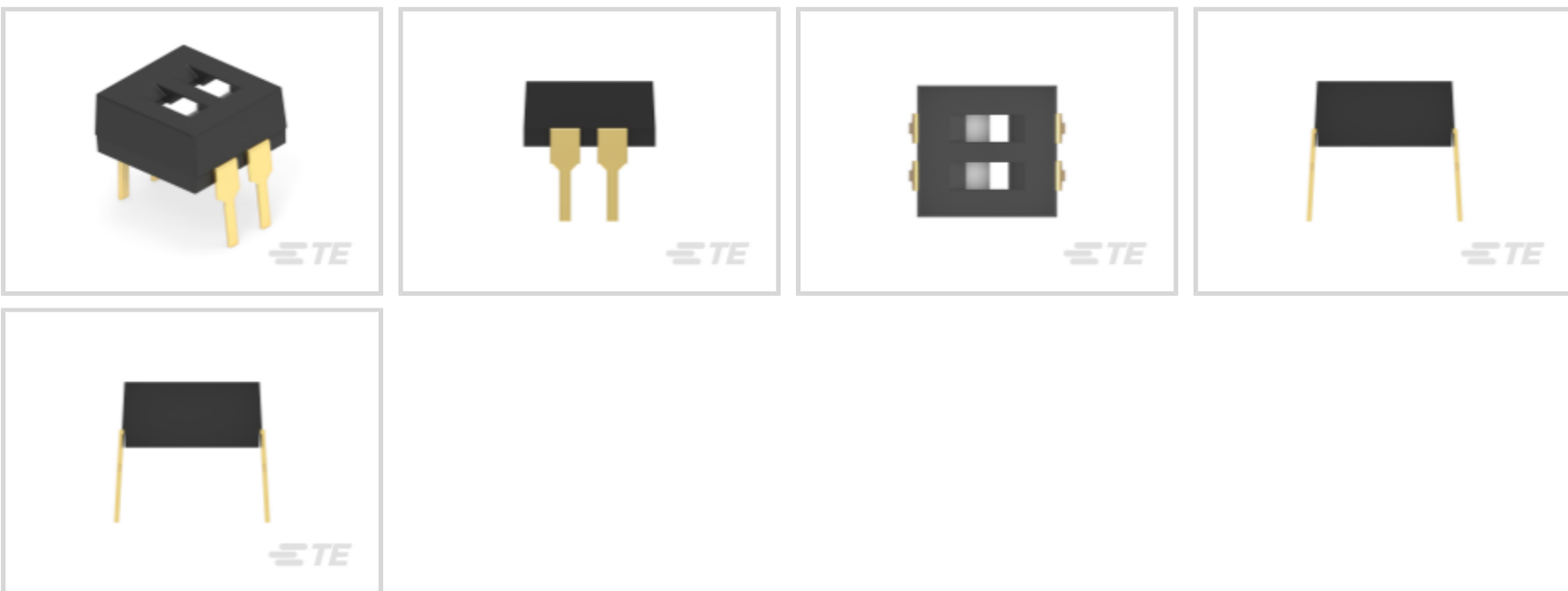
ALCOSWITCH | ALCOSWITCH DIP, ALCOSWITCH DIP ADF

TE Internal #: 1825002-1

DIP Switch, Gold Flash Contact Plating, Black, Polyphenylene Sulfide (PPS), 2 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: **2**

Features

Product Type Features

Sealed Device	No
DIP & SIP Switch Type	DIP
Actuator Style	Flush Actuator, Slide Actuator

Configuration Features

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

Electrical Characteristics

Contact Current Rating	1 A
Operating Voltage	5 VDC

Body Features

Actuator Color	White
Product Orientation	Vertical
Case Color	Black

Case Material	Polyphenylene Sulfide (PPS)

Contact Features

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

Termination Features

Termination Post & Tail Length	4 mm[.157 in]
Termination Method to PCB	Through Hole - Solder

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Product Length	7.06 mm[.277 in]
Product Height	4 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	Tube
Packaging Quantity	60

Product Compliance

For compliance documentation, visit the product page on TE.com>

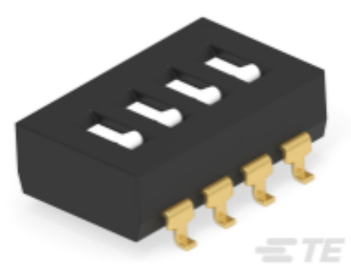
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	

	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Wave solder capable to 265°C

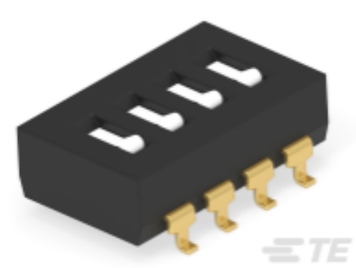
Product Compliance Disclaimer

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

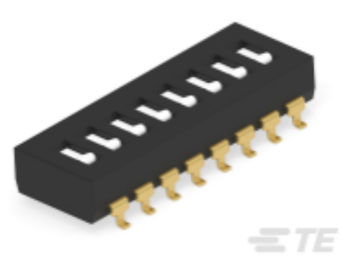


TE Part # 1-1825059-8
ADF04STTR04=DIP S,FLUSH,SMT-GW



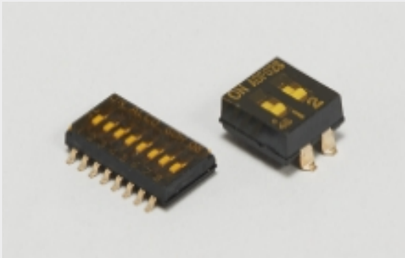
TE Part # 1-1825059-3
ADF04S04=DIP SWT,FLUSH,SMT-GW

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



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

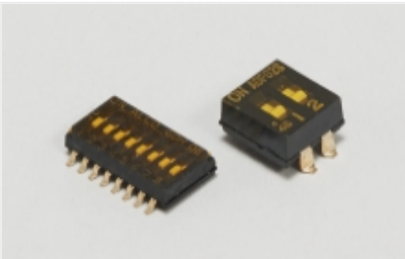
Also in the Series | ALCOSWITCH DIP



DIP & SIP Switches(66)

Rotary Switches(16)

Also in the Series | ALCOSWITCH DIP ADF



DIP & SIP Switches(66)

Customers Also Bought

TE Part #254587-E
SMCQ 16 M AB VV 8-13 CL * H007 137 E005

TE Part #5677552005
RNF-3000-1.5/0.5-0-STK

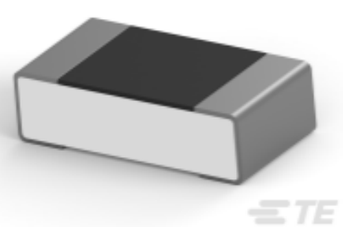
TE Part #244631-E
SMCEZT FLKF 7-01 12POL IDC FLACHBANDKABE

TE Part #244628-E
SMCIDC 12 KV AB VV 7-01 CL * H007 717 PO

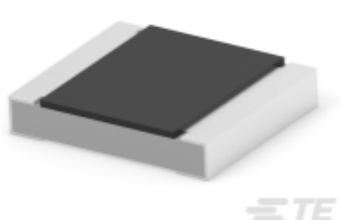
TE Part #5-104069-7
60 sys 50 hdr drra shrd sn

TE Part #825440-3
MOD 2 PINHDR 2X03P.

TE Part #6-1676481-4
CPF 0603 2K7 0.1% 25PPM 1K RL



TE Part #5-2176365-0
RQ 0603 130R 0.1% 10PPM 1K RL



TE Part #8-2176587-0
RLC73K 2E R374 1% 1K RL

TE Part #5353928-2
Std USB Type A, R/A, SMT, Offset, Panel

Documents

Product Drawings

ADF0204=DIP SWT,FLUSH,THRU/HL

English

CAD Files

Customer View Model

ENG_CVM_CVM_1825002-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1825002-1_B.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1825002-1_B.2d_dxf.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

SWITCHES_CORE_PROGRAM_CATALOG

English

ADE _ADP_ADF_Datasheet

English