

2-1825058-5 ✓ ACTIVE

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

TE Internal #: 2-1825058-5

TE Internal Description: ADE10S04=DIP SWTCH,EXT,SMT-GW

[View on TE.com >](#)



Relays, Contactors & Switches > Switches > DIP & SIP Switches



Product Type: **Switch**

Contact Mating Area Plating Material: **Gold Flash**

Housing Color: **Black**

Housing Material: **Polyphenylene Sulfide (PPS)**

Auto-Insertable: **Yes**

## Features

### Product Type Features

Product Type	Switch
Sealed	No
Switch Type	DIP
Actuator Style	Extended, Slide

### Configuration Features

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

### Electrical Characteristics

Voltage Rating	5 VDC
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### Body Features

Actuator Color	White
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### Contact Features

	1.2 $\mu$ in
Solder Tail Contact Plating	Gold over Nickel
Contact Mating Area Plating Material	Gold Flash
Auto-Insertable	Yes
Contact Current Rating	1 A
Contact Base Material	Copper Alloy

### Termination Features

Termination Style	Outside L
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### Mechanical Attachment

Mounting Type	Surface Mount
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### Housing Features

Housing Color	Black
Housing Material	Polyphenylene Sulfide (PPS)
Centerline	2.54 mm[.1 in]

### Dimensions

Length	27.36 mm[1.077 in]
Height	3.5 mm[.138 in]

### 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
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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JAN 2018 (181) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JAN 2018 (181)
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

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 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 # 1825057-7  
ADE0804=DIP SWITCH, EXT,THRU/HL



TE Model / Part # 1825057-1  
ADE0204=DIP SWITCH, EXT,THRU/HL



TE Model / Part # 1825057-3  
ADE0404=DIP SWITCH, EXT,THRU/HL



TE Model / Part # 1825057-4  
ADE0504=DIP SWITCH, EXT,THRU/HL

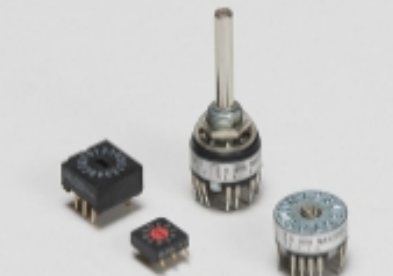


TE Model / Part # 1825057-5  
ADE0604=DIP SWITCH, EXT,THRU/HL


### Also in the Series | Alcoswitch DIP



DIP & SIP Switches(256)

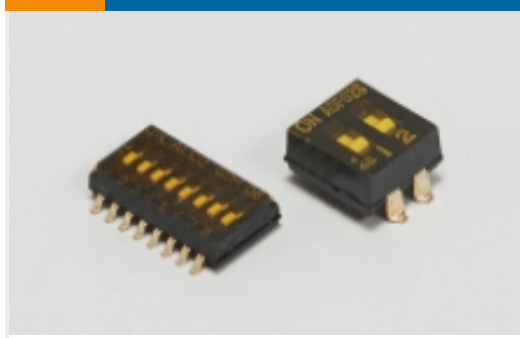


Rotary Switches(34)



Switch Boots & Accessories (1)

## Also in the Series | Alcoswitch DIP ADE



DIP & SIP Switches(18)

## Customers Also Bought



TE Model / Part #1658862-1  
SFP 2X1 LIGHT PIPE ASSY



TE Model / Part #1-1415068-1  
V23092-A1005-A801



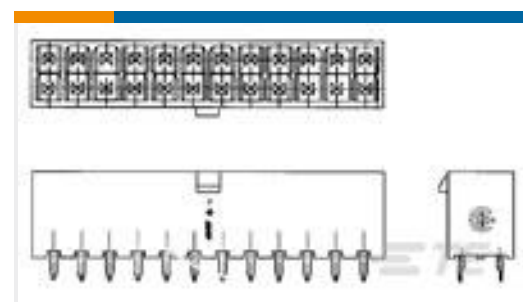
TE Model / Part #1-1969442-6  
EP 2.5 TPA Housing, 16 Pos



TE Model / Part #1-2132230-6  
EP2.5 Shrouded HDR ASSY 16P VE



TE Model / Part #1-1415540-6  
RTHH4009WG



TE Model / Part #1-1586768-2  
12P VERT HDR VAL-U-LOK GW



TE Model / Part #5-2176345-7  
CRGCQ 1210 470K 1%



TE Model / Part #1-2176308-9  
RP 1E 0.1W 205K 0.1% 25PPM 5K RL



TE Model / Part #3-2176307-5  
RP 1E 0.1W 28K 0.1% 25PPM 5K RL

## Documents

### Product Drawings

[ADE10S04=DIP SWTCH,EXT,SMT-GW](#)

English

### CAD Files

[3D PDF](#)

[3D](#)



Customer View Model

[ENG\\_CVM\\_CVM\\_2-1825058-5\\_O\\_c-2-1825058-5-o.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1825058-5\\_O\\_c-2-1825058-5-o.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1825058-5\\_O\\_c-2-1825058-5-o.3d\\_stp.zip](#)

English

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**Product Environmental Compliance**

[TE Material Declaration](#)

English