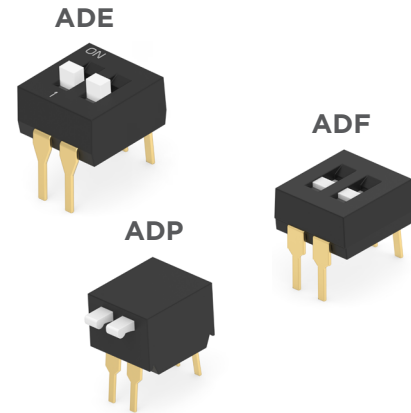


# DIP SWITCH ADE, ADF & ADP SERIES

## ALCOSWITCH

TE Connectivity's (TE) ALCOSWITCH DIP switch ADE, ADF and ADP series are designed for space-saving and streamlined manufacturing with high contact pressure allowing for aqueous cleaning without the need for tape sealing.

The ADE, ADF and ADP series are available in through-hole and surface-mount options. Style of actuators are based on series: ADE with extended actuators, ADF with flush actuators and ADP with piano actuators. ADE/ADF/ADP are available in both tube and tape/reel packaging options.



### BENEFIT

- Raised (extended), recessed (flush) or side (piano) actuators for design flexibility
- Through-hole & surface mounted (Gull-wing and J-Lead) options available
- Extremely high contact pressure system allows aqueous or solvent cleaning without tape seal
- Gold contact plating for high reliability and corrosion resistance
- Tape and reel packaging available for quick pick-and-place assembly

### ELECTRICAL

- Max Current switching: 100mA @ 5VDC / 25mA @ 24VDC
- Min Current switching: 0.1microA @ 1mVDC
- Max Current non-switching: 1A @ 5VDC
- Contact resistance: 50 milliohm max
- Dielectric strength: 300 VAC for 1 minute

### APPLICATION

- Industrial and automated control boards
- Fire and security systems
- Thermostats
- Elevator/Escalator
- Telecommunication devices

### MECHANICAL

- Actuator force: 800 gf max
- Actuator travel: 1.3 mm for ADE/ADF, 25(degrees) for ADP
- Life cycles: 1,000 cycles
- Operating temperature: -30° C to +85° C
- Storage temperature: -40° C to +85° C

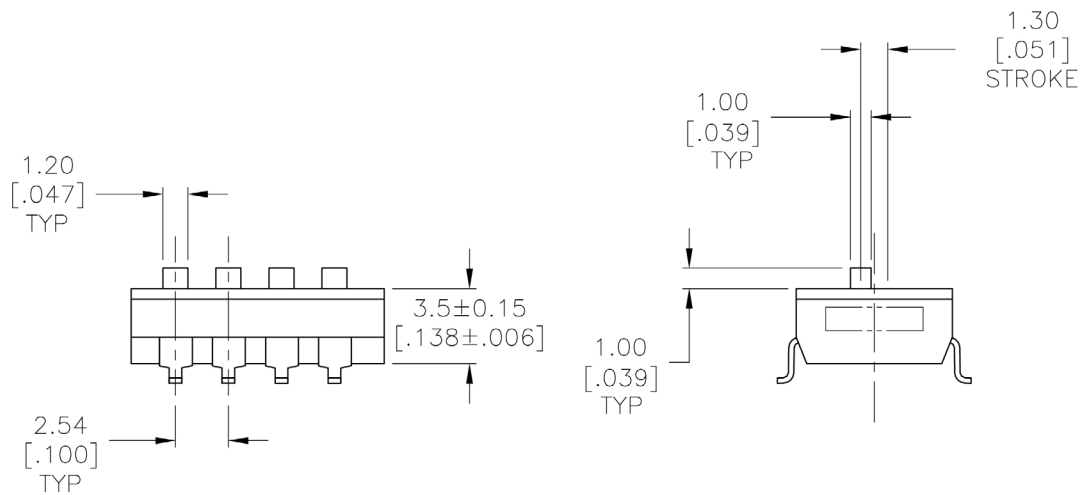
### MATERIALS

- Base/Cover: PPS (UL94-VO), black
- Contact: Cu alloy, Au flash over nickel
- Terminal: Cu alloy, Au flash over nickel
- Actuator: PA6T (UL94 V-O), White

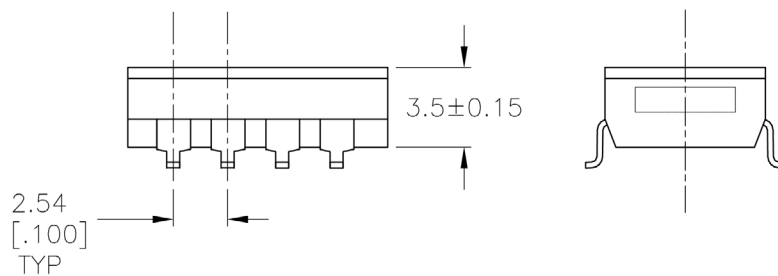
# DIP SWITCH ADE, ADF & ADP SERIES

ALCOSWITCH

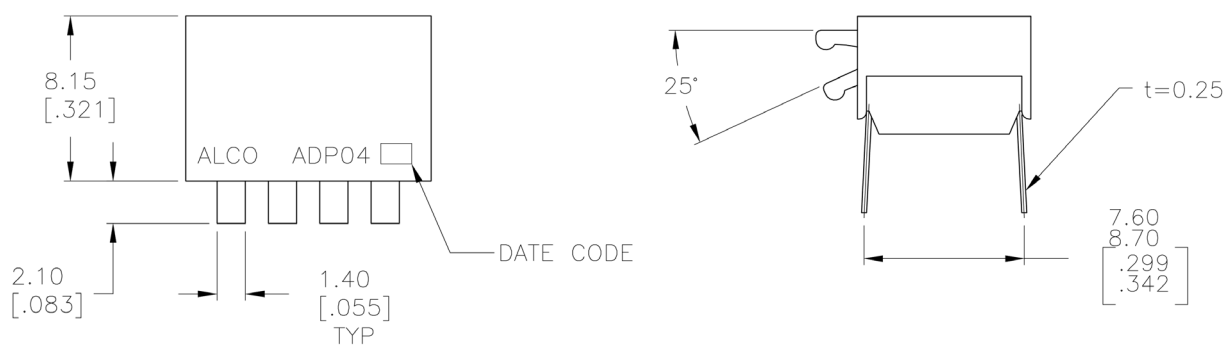
## ADE Dimension



## ADF Dimension



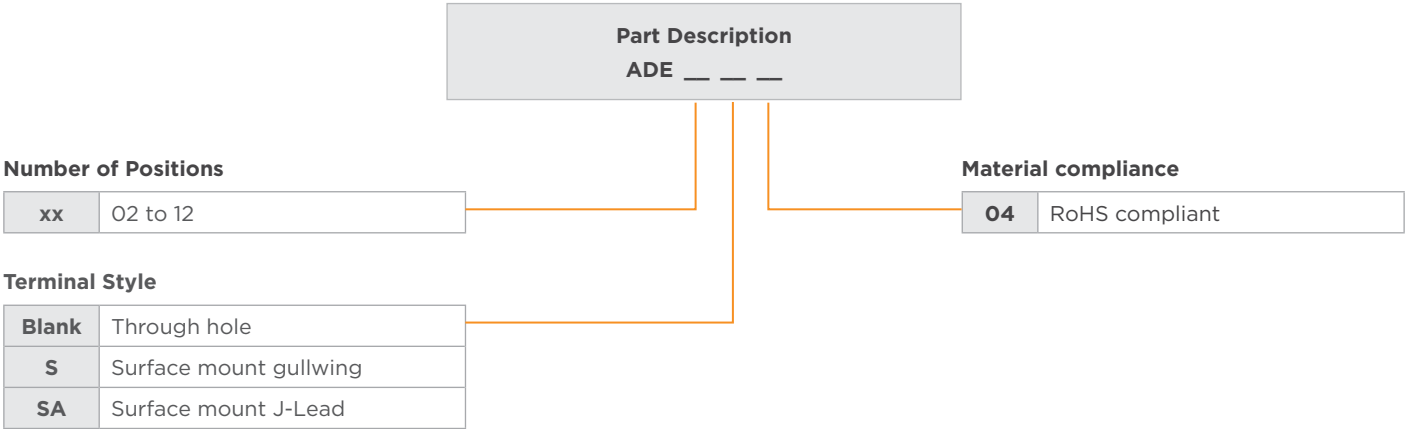
## ADP Dimension



# DIP SWITCH ADE, ADF & ADP SERIES

ALCOSWITCH

## ADE ORDERING INFORMATION



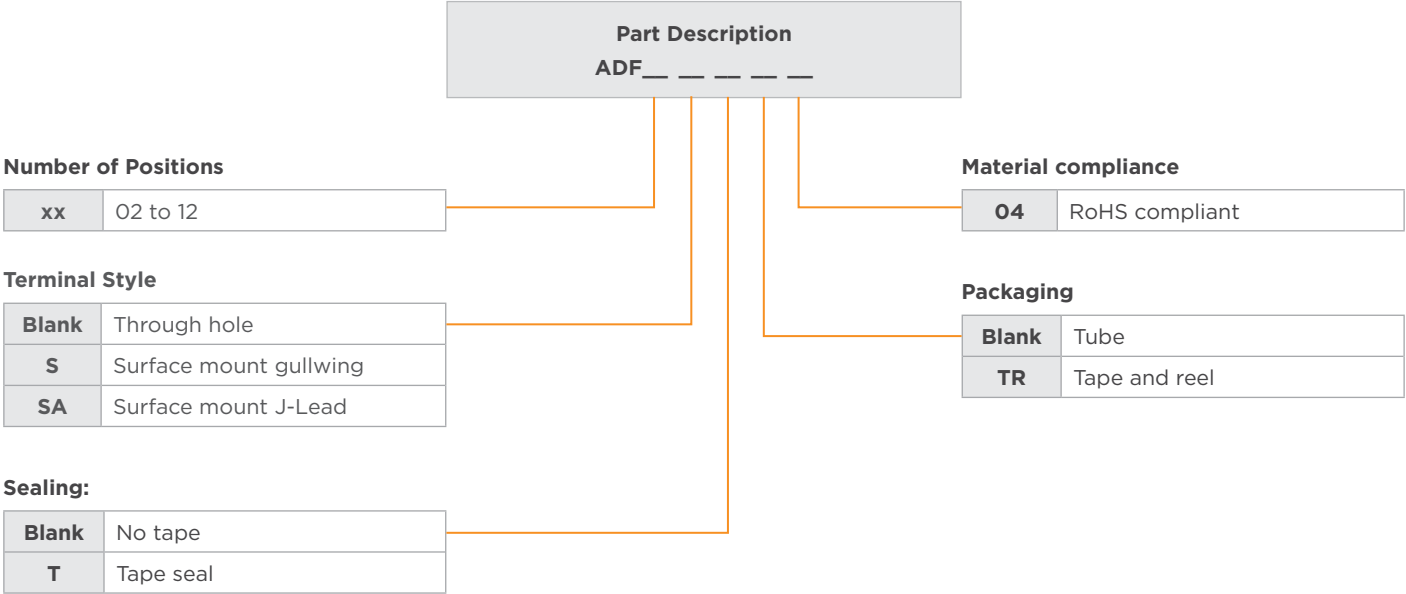
### 2 - Positions Example

Part Number	Part Description	Positions	Mounting Style	Actuator Style	Packaging
<a href="#">1825057-1</a>	ADE0204	2	Through hole	Extended	Blank - Tube
<a href="#">1825058-1</a>	ADE02S04	2	SMT - Gullwing	Extended	Blank - Tube
<a href="#">1825058-2</a>	ADE02SA04	2	SMT - J-Lead	Extended	Blank - Tube
<a href="#">3-1825058-2</a>	ADE02STR04	2	SMT - Gullwing	Extended	TR - Tape/Reel

# DIP SWITCH ADE, ADF & ADP SERIES

ALCOSWITCH

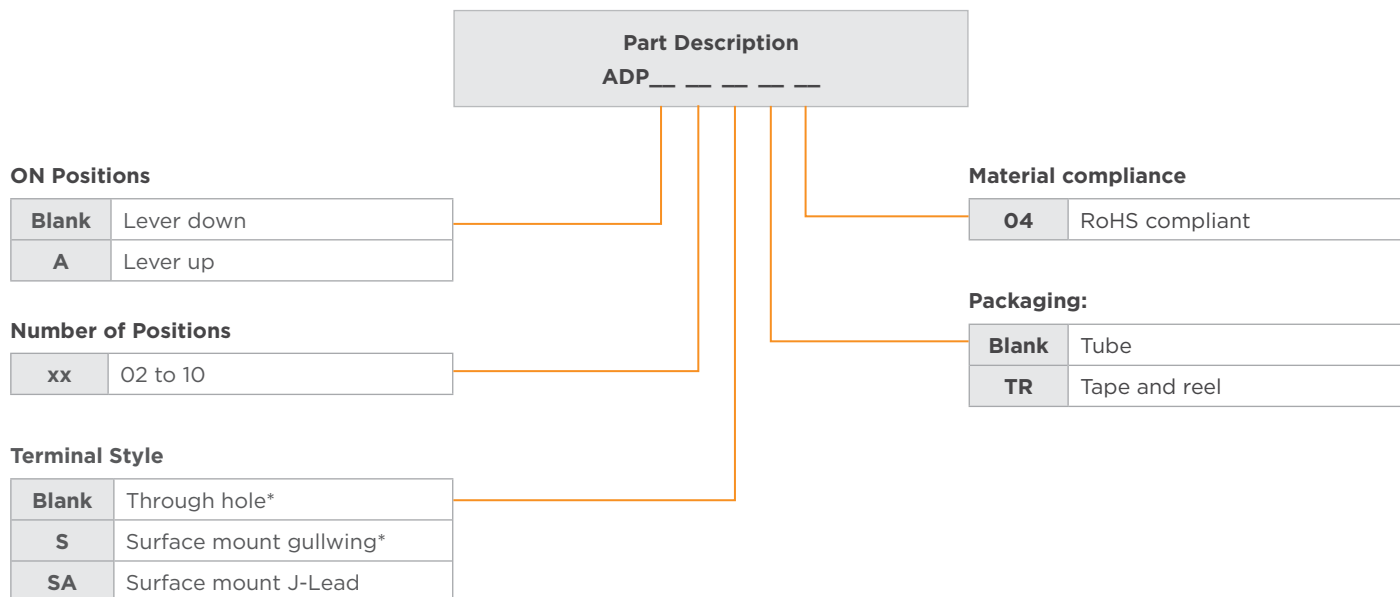
## ADF ORDERING INFORMATION



### 2 - Positions Example

Part number	Part Description	Positions	Mounting Style	Actuator Style	Packaging
<a href="#">1825002-1</a>	ADF0204	2	Through hole	Flush	Tube
<a href="#">1825059-1</a>	ADF02S04	2	SMT - Gullwing	Flush	Tube
<a href="#">1825059-2</a>	ADF02SA04	2	SMT - J-Lead	Flush	Tube
<a href="#">1825059-4</a>	ADF02SATTR04	2	SMT - J-Lead	Flush	Tape / Reel

## ADP ORDERING INFORMATION



### 2 - Positions Example

Part number	Part Description	Positions	Mounting Style	Actuator Style	Packaging
<a href="#">1571999-1</a>	ADP0204	2	Through hole*	Piano	Tube
<a href="#">1571999-2</a>	ADP02S04	2	SMT - Gullwing*	Piano	Tube
<a href="#">1571999-4</a>	ADP02STR04	2	SMT - Gullwing*	Piano	Tape / Reel

\* Preferred parts

**te.com**

©2023 TE Connectivity. All Rights Reserved.

TE Connectivity, TE Connectivity (logo) and Every Connection Counts are trademarks. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. Users of TE Connectivity products should make their own evaluation to determine the suitability of each such product for the specific application.

02/23 ED

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1-1571999-6](#)