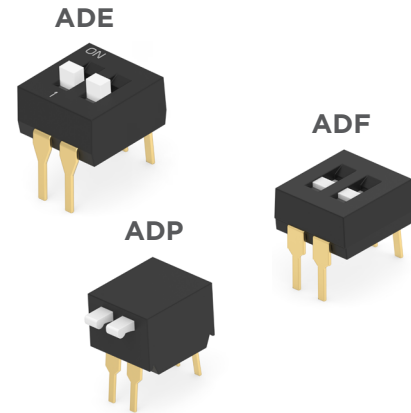


DIP SWITCH ADE, ADF & ADP SERIES

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

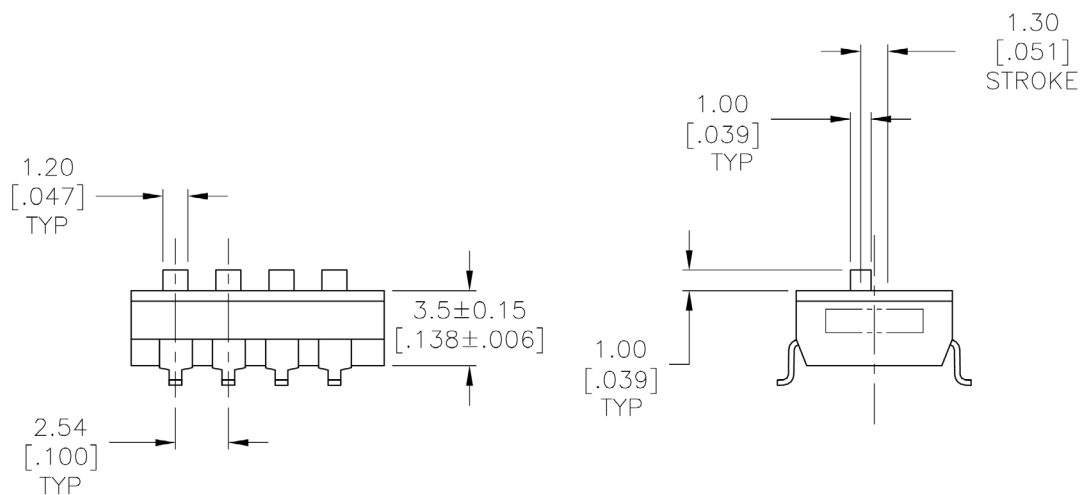
MATERIALS

- 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

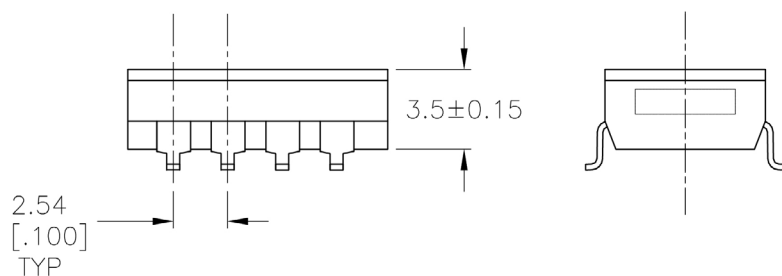
DIP SWITCH ADE, ADF & ADP SERIES

ALCOSWITCH

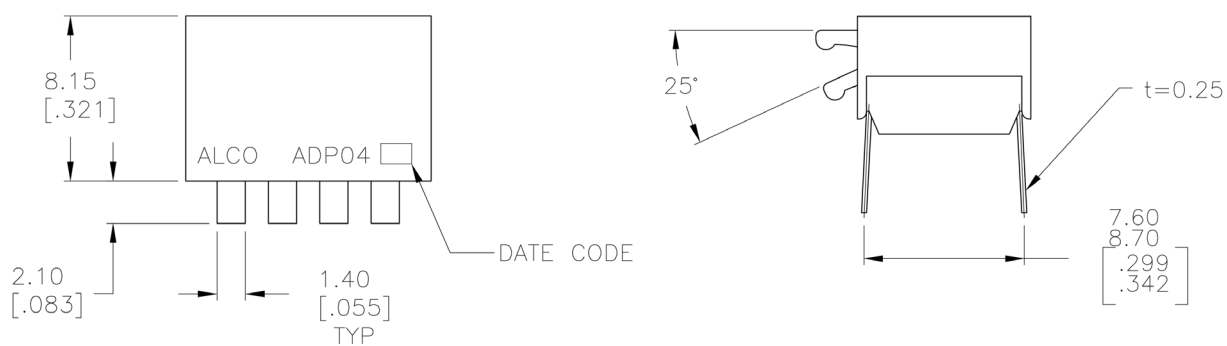
ADE Dimension



ADF Dimension



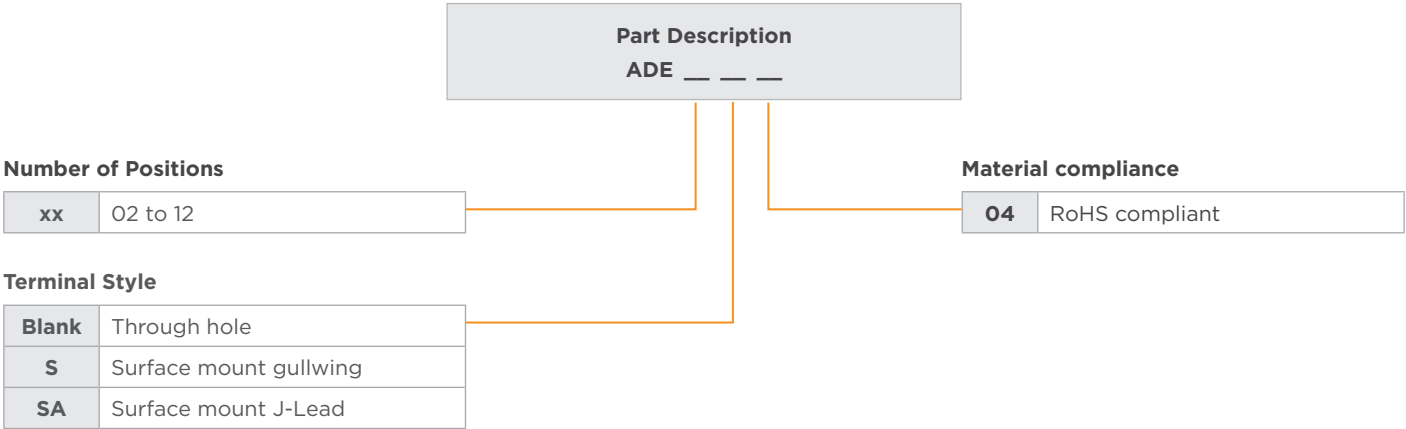
ADP Dimension



DIP SWITCH ADE, ADF & ADP SERIES

ALCOSWITCH

ADE ORDERING INFORMATION



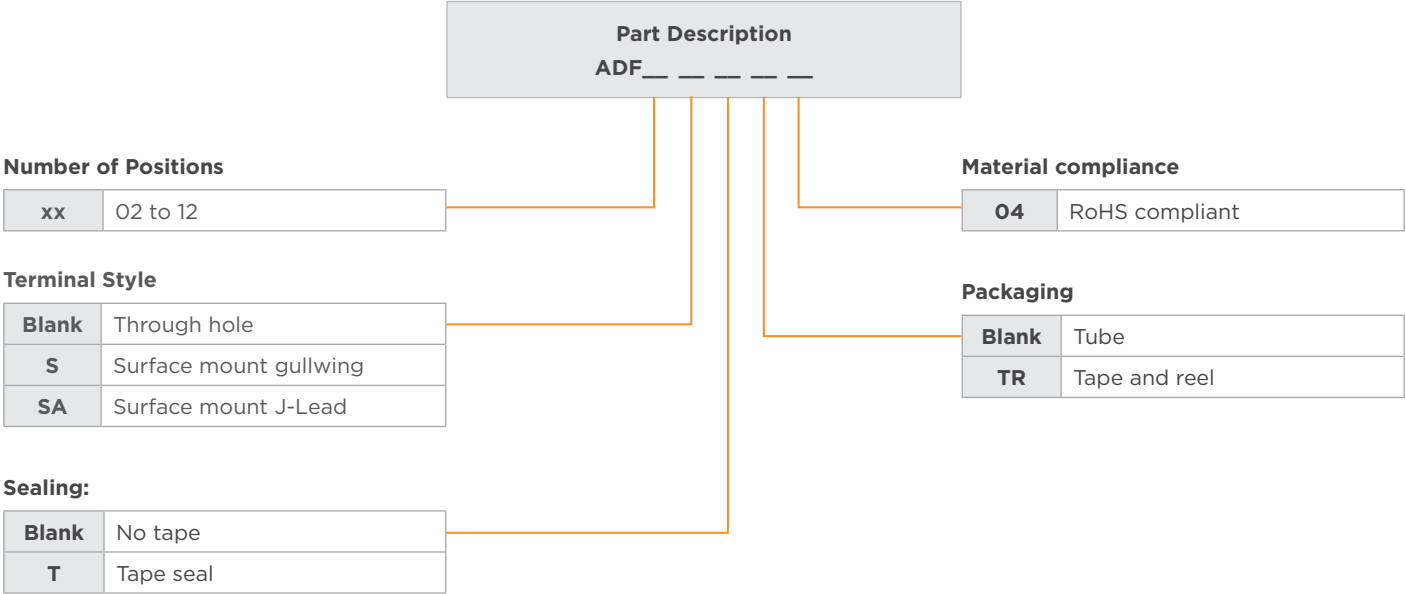
2 - Positions Example

| Part Number | Part Description | Positions | Mounting Style | Actuator Style | Packaging |
|-----------------------------|------------------|-----------|----------------|----------------|----------------|
| 1825057-1 | ADE0204 | 2 | Through hole | Extended | Blank - Tube |
| 1825058-1 | ADE02S04 | 2 | SMT - Gullwing | Extended | Blank - Tube |
| 1825058-2 | ADE02SA04 | 2 | SMT - J-Lead | Extended | Blank - Tube |
| 3-1825058-2 | ADE02STR04 | 2 | SMT - Gullwing | Extended | TR - Tape/Reel |

DIP SWITCH ADE, ADF & ADP SERIES

ALCOSWITCH

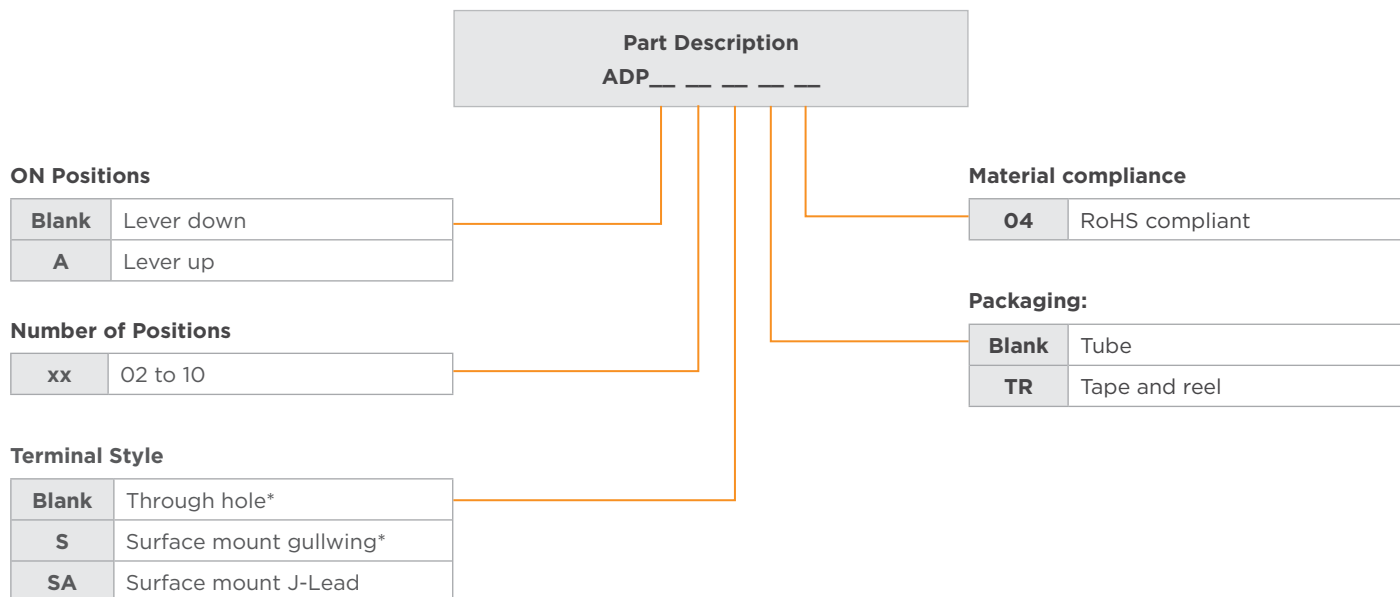
ADF ORDERING INFORMATION



2 - Positions Example

| Part number | Part Description | Positions | Mounting Style | Actuator Style | Packaging |
|---------------------------|------------------|-----------|----------------|----------------|-------------|
| 1825002-1 | ADF0204 | 2 | Through hole | Flush | Tube |
| 1825059-1 | ADF02S04 | 2 | SMT - Gullwing | Flush | Tube |
| 1825059-2 | ADF02SA04 | 2 | SMT - J-Lead | Flush | Tube |
| 1825059-4 | ADF02SATTR04 | 2 | SMT - J-Lead | Flush | Tape / Reel |

ADP ORDERING INFORMATION



2 - Positions Example

| Part number | Part Description | Positions | Mounting Style | Actuator Style | Packaging |
|---------------------------|------------------|-----------|-----------------|----------------|-------------|
| 1571999-1 | ADP0204 | 2 | Through hole* | Piano | Tube |
| 1571999-2 | ADP02S04 | 2 | SMT - Gullwing* | Piano | Tube |
| 1571999-4 | ADP02STR04 | 2 | SMT - Gullwing* | Piano | Tape / Reel |

* Preferred parts

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