

# ALCOSWITCH

## DIP Switch TDS Series

TE Connectivity's (TE) ALCOSWITCH DIP switch TDS series is designed for unique coding and streamlined manufacturing with full surface mount products. The tri-state configuration of each position allows for more advanced address setting on the DIP switch, thus providing more security in the application. The TDS series is available in both raised and recessed actuator versions. Parts are also available in both tube and tape & reel packaging, and are available with a top tape seal.



### Applications

- Industrial and Automated Control Boards
- Fire and Security Systems
- Thermostats
- Home Automation
- Telecommunication Devices

### Electrical

- Current Voltage Rating  
Non switching 100 mA @ 50 VDC  
Switching 25 mA @ 24 VDC
- Contact resistance 100 mΩ max
- Dielectric strength 500 VAC for 1 minute
- Capacitance 5 pF max @ 1 MHz

### Mechanical

- Actuator force 1,000 gf max
- Actuator travel 0.8mm
- Life cycle 2,000 cycles
- Operating temperature -20° C to +85° C
- Storage temperature -40° C to +85° C

### Materials

- Base/Cover: High temperature Nylon (UL94-VO)
- Contact: Cu alloy, Au over nickel plated
- Terminal: Brass, Au plated
- Actuator: LCP (UL94 V-O)

### Benefits

- Tri-state positioning for unique coding configurations that provide added security
- Raised or recessed actuators for design flexibility
- Gold contact plating for high reliability and corrosion resistance
- Tape and reel packaging with top tape seal available for quick pick-and-place assembly

# ALCOSWITCH DIP SWITCH TDS SERIES

## Product Key



## Product Selection Information

| Part Number                 | Description   | Position | Actuator Type | Sealing       | Packaging   |
|-----------------------------|---------------|----------|---------------|---------------|-------------|
| <a href="#">2319747-1</a>   | TDS04SGNNTU04 | 4        | Raised        | No Tape Seal  | Tube        |
| <a href="#">1-2319747-6</a> | TDS04SGNNTRO4 | 4        | Raised        | No Tape Seal  | Tape & Reel |
| <a href="#">1-2319747-8</a> | TDS08SGNNTRO4 | 8        | Raised        | No Tape Seal  | Tape & Reel |
| <a href="#">2319747-4</a>   | TDS09SGNNTU04 | 9        | Raised        | No Tape Seal  | Tube        |
| <a href="#">2319747-7</a>   | TDS05SGRSTRO4 | 5        | Recessed      | Top Tape Seal | Tape & Reel |
| <a href="#">2-2319747-7</a> | TDS07SGRSTRO4 | 5        | Recessed      | Top Tape Seal | Tape & Reel |
| <a href="#">2-2319747-8</a> | TDS08SGRSTU04 | 8        | Recessed      | Top Tape Seal | Tape & Reel |
| <a href="#">2-2319747-9</a> | TDS09SGRSTRO4 | 9        | Recessed      | Top Tape Seal | Tape & Reel |
| <a href="#">1-2319747-5</a> | TDS10SGRSTU04 | 10       | Recessed      | Top Tape Seal | Tube        |
| <a href="#">3-2319747-0</a> | TDS10SGRSTRO4 | 10       | Recessed      | Top Tape Seal | Tape & Reel |

## Dimensions

Part Number 2319747



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Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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