



## General Information

<b>Kit Part Number:</b>	<a href="#">2110843-3</a>
<b>Description:</b>	Single Pole, Single and Double Throw, Vertical and Right Angle Printed Circuit Board Terminals Switch Kit
<b>Application:</b>	Computers and Peripherals, Instrumentation and Controls, Networking, Telecommunications
<b>Family:</b>	Pushbutton
<b>TE Brand:</b>	ALCOSWITCH Products
<b>Solution:</b>	Circuit Control
<b>Product Type:</b>	Pushbutton Switch
<b>Number of Pieces:</b>	12
<b>RoHS:</b>	Yes

## Specifications

<b>Configuration:</b>	SPST - Single Pole Single Throw, SPDT - Single Pole Double Throw
<b>Current Rating:</b>	0.4A
<b>Function:</b>	off / (on) momentary, (on) / (on) momentary
<b>Terminal Style:</b>	Printed Circuit Board Terminals
<b>Tool Included:</b>	No
<b>Voltage Rating:</b>	20V

## Product Highlights

TP-ES Series "Tiny" Pushbuttons with (2) Bushing types, Break-Before-Make Gold contacts rated at 0.4 VoltAmps at 20 Volts DC/peak AC; or Silver contacts rated at 1 Amp at 125 Volts AC or 28Volts DC. An Electrical Life of 100,000 cycles (Gold contacts) or 60,000 cycles (Silver contacts) for Single Pole and 80,000 cycles (Gold contacts) or 50,000 cycles (Silver contacts) for Double Pole with an operating temperature of -30°C to +65°C and wave solder capability to 265°C.

### Features and Benefits

- Compact Design
- Process Sealed with Disposable Boot
- Vertical or Right Angle Versions

### Applications

- Telecommunications and Networking Equipment
- Computers and Peripherals
- Instrumentation and Controls



**Bill of Materials**

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
<a href="#">1825097-3</a>	2	0.4VA-20VAC/DC, Round Button (0.188") Diameter Bushing, SPST...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1825097-5</a>	2	0.4VA-20VAC/DC, Round Button (0.188") Diameter Bushing, SPST...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-1825097-4</a>	2	0.4VA-20VAC/DC, Round Button (0.188") Diameter Bushing, SPDT...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">2-1825097-2</a>	2	0.4VA-20VAC/DC, Flush Round Button (0.188") Diameter Bushing...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">2-1825097-3</a>	2	0.4VA-20VAC/DC, Flush Round Button (0.188") Diameter Bushing...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-1825100-0</a>	2	0.4VA-20VAC/DC, Round Button 1/4-40 UNS 2B Threaded Bushing,...		<a href="#">Details</a>	<a href="#">Search</a>

**Recommended Tool**

**Part No.**

**Included in Kit**







Pushbutton Category



Kit Part No. **2110843-3**

### ALCOSWITCH TP-ES Series Switch Kit

Single Pole, Single and Double Throw Right Angle  
Printed Circuit Board Terminals

- Compact Design
- Round and Flush Round Actuator Buttons
- Process Sealed with Disposable Boot
- 0.4 Volt Amps, 20 Volts AC/DC (Gold Contacts)
- Actuator Force: 30-400 grams

Additional kits available at: [www.products.kits.com](http://www.products.kits.com)

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**WARNING:** Failure to follow all instructions including using appropriate TE tooling (SMD3400) can result in improper installation and/or damage to the kit components and requires a certified technical team. Should be used only by individuals with proper training and experience.

**12**  
pieces



Product from TE Connectivity  
KIT is tested and assembled  
by Waldom Electronics.