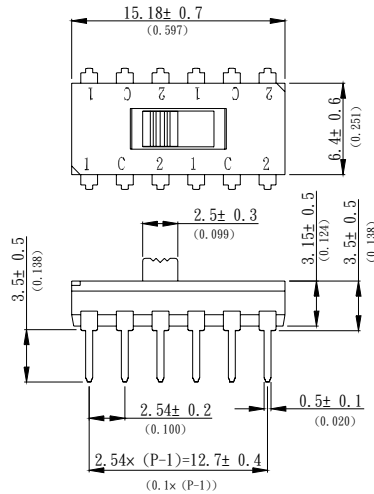
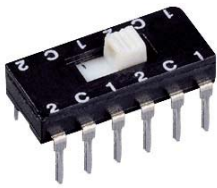


# Slide Switches

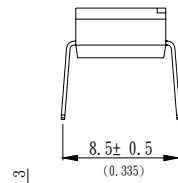
## 4PDT Slide Switches

## SB9 Series

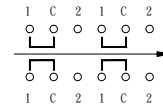
Slide Switches



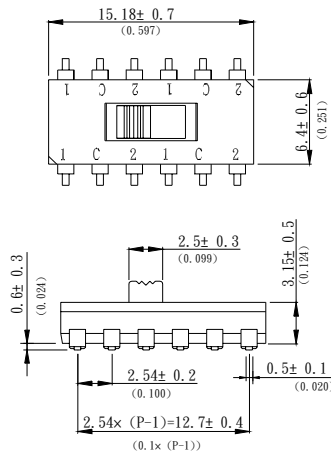
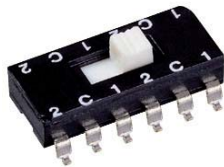
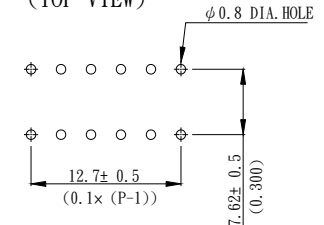
LOW PROFILE ACTUATOR



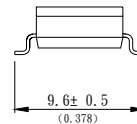
CIRCUIT DIAGRAM



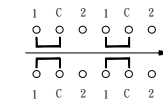
P. C. B. LAYOUT (TOP VIEW)



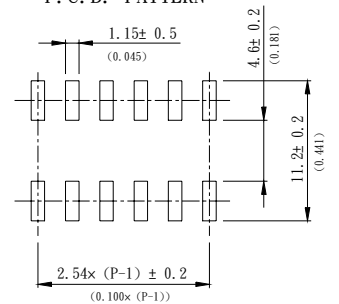
LOW PROFILE ACTUATOR



CIRCUIT DIAGRAM



P. C. B. PATTERN



### How to order:

SB9

#### 1 Material, Actuator and Sealing Options:

- LA Low Profile Actuator and rows spacing 8.50mm (Standard)
- EA Extended Actuator and rows spacing 7.62mm (Standard)
- TA Top Tape Sealed and Low Profile Actuator
- TR Tape & Reel Package, product without Top Tape Sealed
- TT Tape & Reel Package, product with Top Tape Sealed

#### 2 Special product number:

- H THT Terminal
- S SMT Terminal

#### 3 RoHS Compliant:

- R RoHS Compliant

### General Specifications:

#### FEATURES

- Molded 0.3" integrated circuit packing outline allowing automatic insertion
- Smaller size makes better heat convection during PC board wave soldering
- Top tape sealed to withstand wave soldering, board washing
- Housing materials are UL 94V-O grade fire retardant plastics

#### SPECIFICATIONS

##### 1. ELECTRICAL

● Contact Rating	Switching: 25mA, 24VDC Non-Switching: 100mA, 50VDC
● Contact Resistance	Initial: 50mΩ Max. After life test: 100mΩ Max.
● Insulation Resistance	1000MΩ Min. at 100VDC
● Dielectric Strength	500VDC Min. for 1minute
● Capacitance between adjacent switched	5pF Max.

##### 2 MECHANICAL AND ENVIRONMENTAL

● Temperature Rating	Operating: -25°C to +70°C Storage: -40°C to +85°C
● Operation force	100g Min. & 1000g Max.
● Mechanical Life	10,000 Operations
● Humidity	95%RH, 40°C for 96hours
● Vibration	10 to 55Hz for 6Hrs.
● Solderability	After flux 230±5°C for 5±0.5seconds, 95% coverage
● Resistance to soldering heat (for through hole type)	260±5°C for 5±1sec
● Reflow soldering heat for SMT type (reference)	