
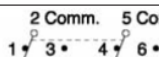


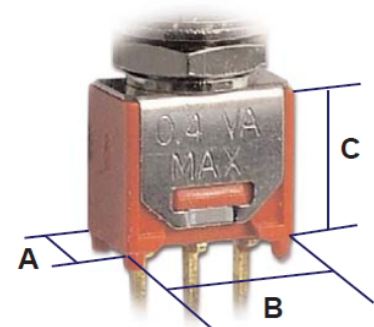
# Datasheet

## Sealed Miniature Toggle




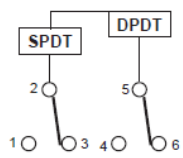
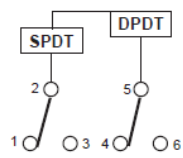
RS Stock number 448-0832

### Number of Poles/Dimensions

|          |                                                                                                                | A       | B       | C       |
|----------|----------------------------------------------------------------------------------------------------------------|---------|---------|---------|
| <b>1</b> | SPDT  2 Comm. 1 3             | 5,08 mm | 8,13 mm | 8,64 mm |
| <b>2</b> | DPDT  2 Comm. 5 Comm. 1 3 4 6 | 9,14 mm | 8,13 mm | 8,64 mm |

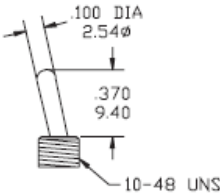


### Electrical Functions

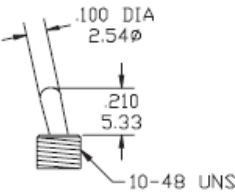
|          |  |  |  |
|----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>1</b> | on                                                                                  | none                                                                                | on                                                                                    |
| <b>2</b> | on                                                                                  | none                                                                                | (on)                                                                                  |
| <b>3</b> | on                                                                                  | off                                                                                 | on                                                                                    |
| <b>4</b> | (on)                                                                                | off                                                                                 | (on)                                                                                  |
| <b>5</b> | on                                                                                  | off                                                                                 | (on)                                                                                  |
|          |  | open                                                                                |  |

**Actuators**

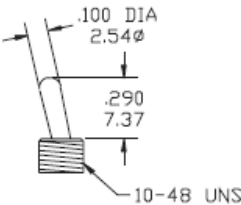
**N - ROUND TOGGLE**



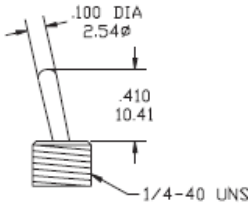
**N2 - ROUND TOGGLE**



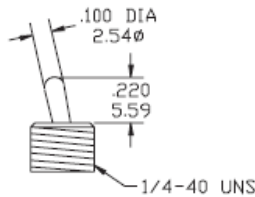
**N3 - ROUND TOGGLE**



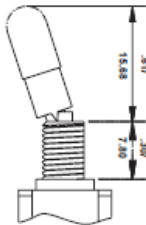
**N4 - ROUND TOGGLE**



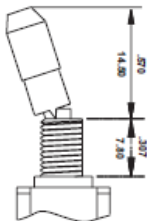
**N5 - ROUND TOGGLE**



**LK - LOCKING LEVER**

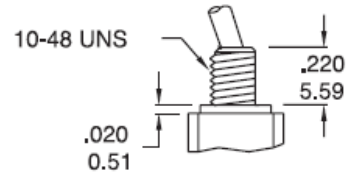
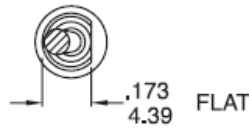


**LK1 - LOCKING LEVER**

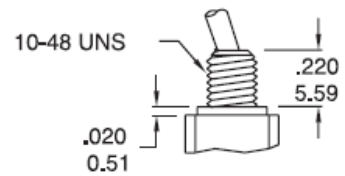
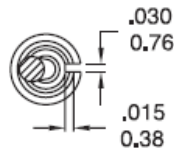


### Bushing

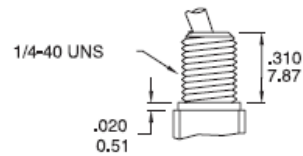
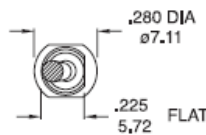
**F1 - THREADED**  
**F2 - UNTHREADED**



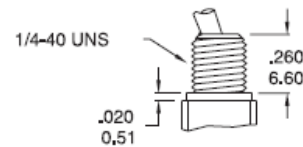
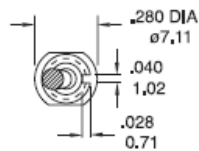
**F3 - THREADED**  
**F4 - UNTHREADED**



**B1 - THREADED**  
**B2 - UNTHREADED**



**B3 - THREADED**  
**B4 - UNTHREADED**



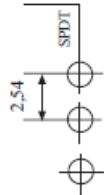
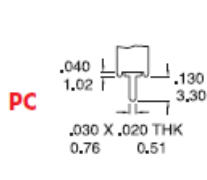
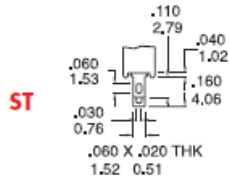
### Sealing



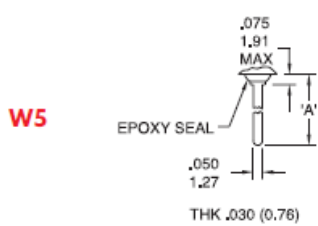
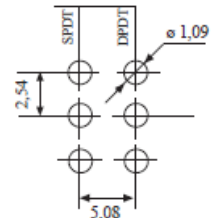
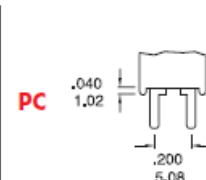
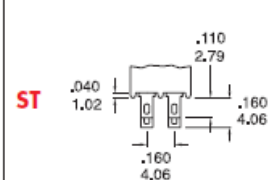
**E**

# Terminations

For single pole

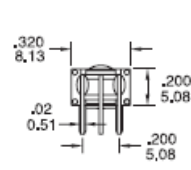
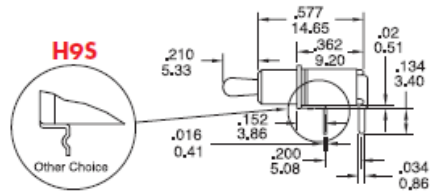
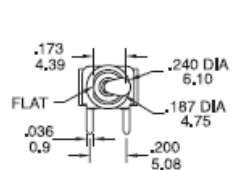


For double pole



**Dim. A**  
W5 .600 (15.24)

**H9 SPDT**

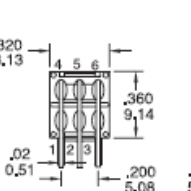
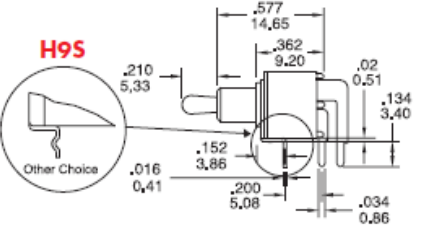
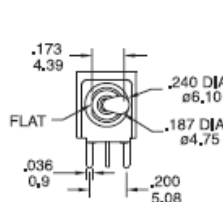


**P.C. LAYOUT**

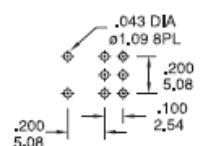


Part N° shown: 2A11-N2F2H9AE

**H9 DPDT**

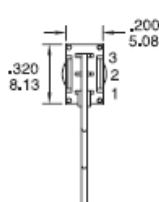
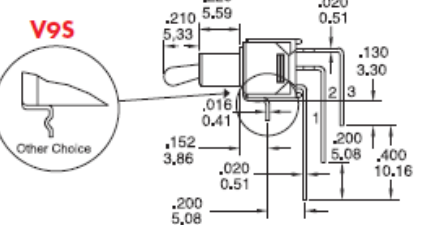
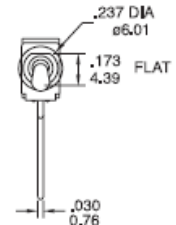


**P.C. LAYOUT**

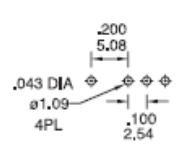


Part N° shown: 2A21-N2F2H9AE

**V9 SPDT**

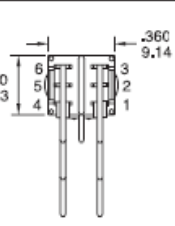
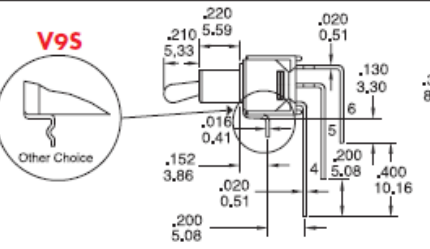
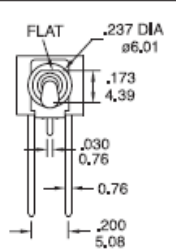


**P.C. LAYOUT**

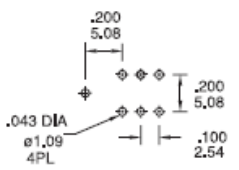


Part N° shown: 2A11-N2F2V9AE

**V9 DPDT**



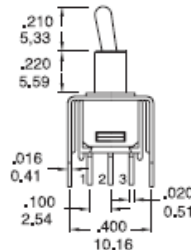
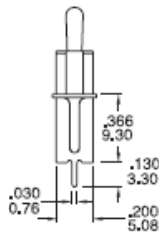
**P.C. LAYOUT**



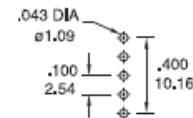
Part N° shown: 2A21-N2F2V9AE

## Terminations

**U2**  
**SPDT**

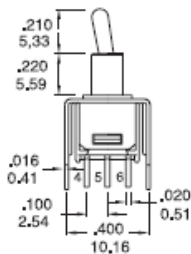
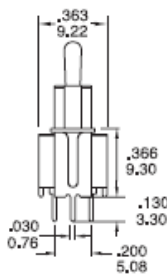


**P.C. LAYOUT**



**Part N° shown: 2A11-N2F2U2AE**

**U2**  
**DPDT**



**P.C. LAYOUT**



**Part N° shown: 2A21-N2F2U2AE**

## Contact Materials – Contact Ratings

- S** **Moving Contacts:** coin silver, silver plated  
**Terminals:** brass, silver plated  
**Rating:** 3 Amps @ 120 VAC or 28 VDC  
1.5 Amps @ 250 VAC
- A** **Moving Contacts:** brass with gold plate over nickel plate  
**Terminals:** brass with gold plate over nickel plate  
**Rating:** 0.4 Volts/Amps max @ 20 VAC or DC max
- G** **Moving Contacts:** coin silver gold plated  
**Terminals:** brass silver plated and gold plated  
**Note:** **G** option used for either "high" (2 Amps @ 250 VAC) or "low" (0.4 Volts/Amps max) contact rating (one exclude the other)
- K** **Moving Contacts:** copper alloy with gold plating over nickel plating  
**Terminals:** copper alloy with gold plating over nickel plating  
**Rating:** 0.4 Volts/Amps max @ 20 Volts max (AC or DC)