

Professionally approved products.

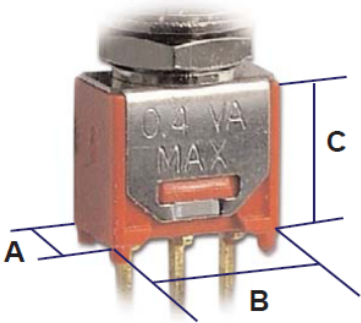
# Datasheet

## Sealed Miniature Toggle




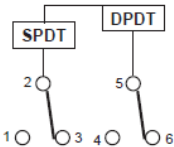
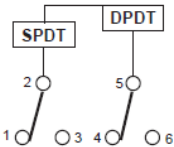
RS Stock number 448-0848

### Number of Poles/Dimensions

		A	B	C
1 SPDT	2 Comm. 1 3•	5,08 mm	8,13 mm	8,64 mm
2 DPDT	2 Comm. 5 Comm. 1 3• 4 6•	9,14 mm	8,13 mm	8,64 mm



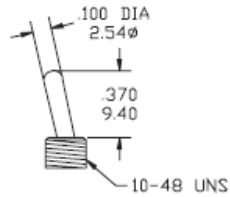
### Electrical Functions

			
1	on	none	on
2	on	none	(on)
3	on	off	on
4	(on)	off	(on)
5	on	off	(on)
		open	

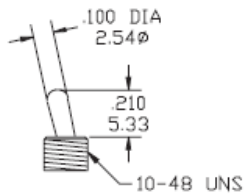
# **Professionally approved products.** **Datasheet**

## **Actuators**

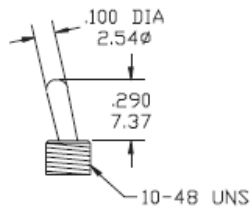
### **N - ROUND TOGGLE**



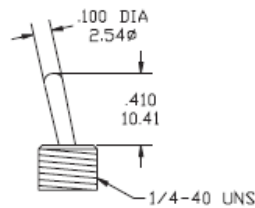
### **N2 - ROUND TOGGLE**



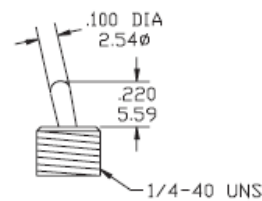
### **N3 - ROUND TOGGLE**



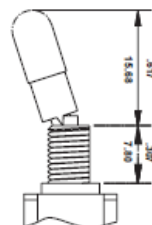
### **N4 - ROUND TOGGLE**



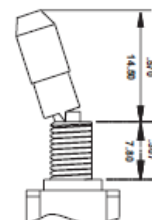
### **N5 - ROUND TOGGLE**



### **LK - LOCKING LEVER**



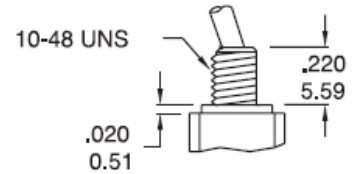
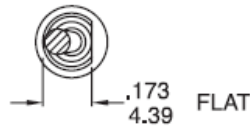
### **LK1 - LOCKING LEVER**



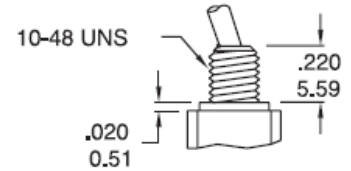
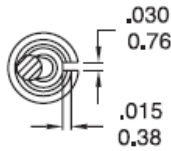
## Professionally approved products. Datasheet

### Bushing

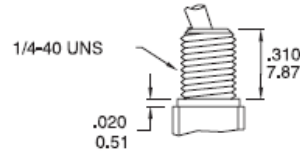
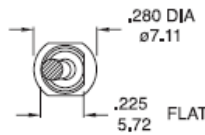
**F1 - THREADED**  
**F2 - UNTHREADED**



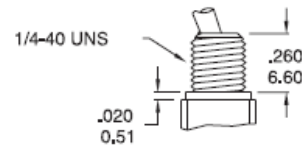
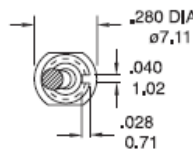
**F3 - THREADED**  
**F4 - UNTHREADED**



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



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



### Sealing



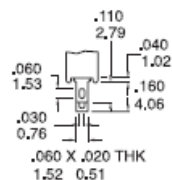
**E**

# Professionally approved products. Datasheet

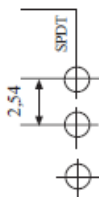
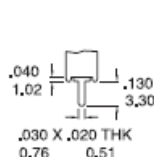
## Terminations

For single pole

ST

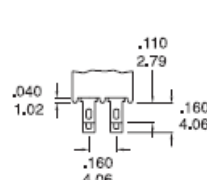


PC

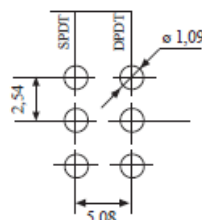
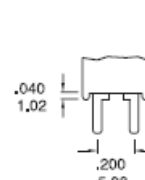


For double pole

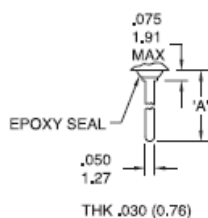
ST



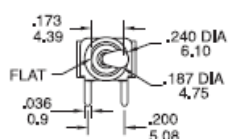
PC



W5



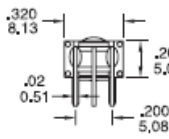
Dim. A
W5 .600 (15.24)

H9  
SPDT


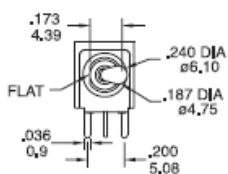
H9S



Part N° shown: 2A11-N2F2H9AE



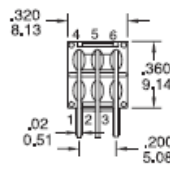
P.C. LAYOUT


H9  
DPDT


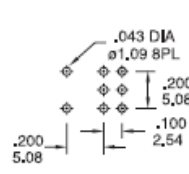
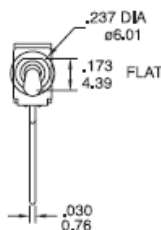
H9S



Part N° shown: 2A21-N2F2H9AE



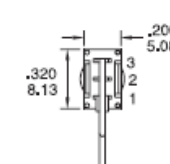
P.C. LAYOUT


V9  
SPDT


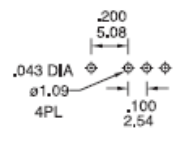
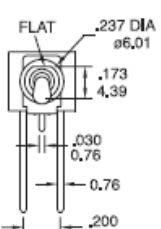
V9S



Part N° shown: 2A11-N2F2V9AE



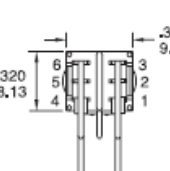
P.C. LAYOUT


V9  
DPDT


V9S



Part N° shown: 2A21-N2F2V9AE



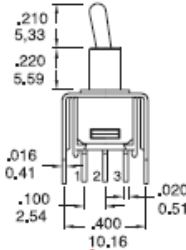
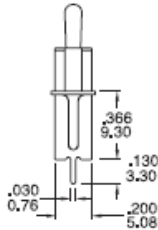
P.C. LAYOUT



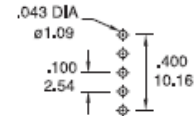
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## Terminations

**U2**  
**SPDT**

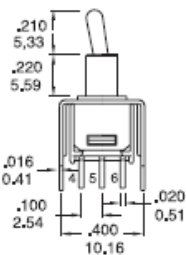
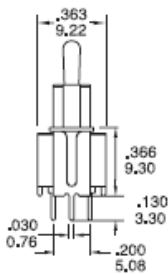


**P.C. LAYOUT**

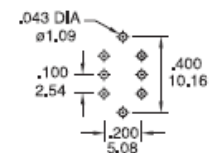


**Part N° shown: 2A11-N2F2U2AE**

**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)