

**SPECIFICATIONS**

Electrical Ratings	3A @ 120VAC, 28VDC; 1A @ 250VAC See contact options
Electrical Life	30,000 cycles typical
Contact Resistance	< 20 mΩ max initial @ 2-4VDC, 100mA
Dielectric Strength	1000Vrms min
Insulation Resistance	> 1,000MΩ min
Operating Temperature	-40°C to 85°C
Storage Temperature	-40°C to 85°C



Process Sealed

**UL** US - E222871



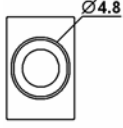
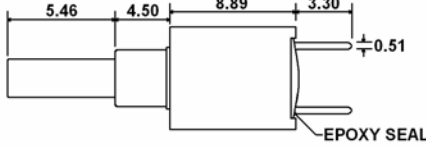
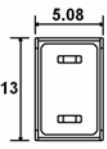


**MATERIALS** ←RoHS COMPLIANT

Actuator	Thermoplastic Polyester
Housing	6/6 Nylon, Glass Filled, Flame Retardant Heat Stabilized, UL94V-0
Bracket	Brass, Tin-Lead Plated
Contacts	Copper Alloy, Silver Plated
Terminals	Brass, Silver Plated



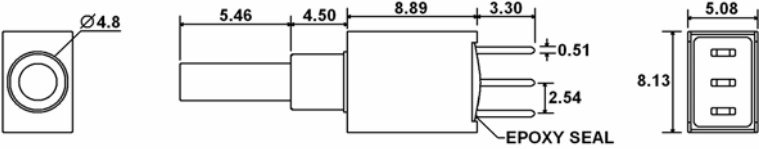


**ORDERING INFORMATION**


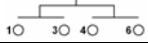
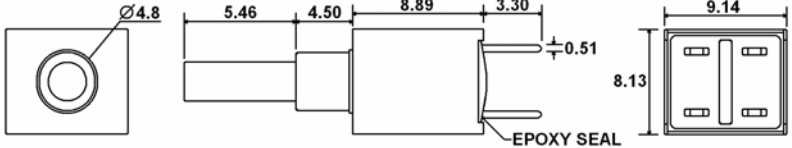


Series:	<b>BSP</b>	<b>2</b>	<b>1</b>	<b>T</b>	<b>C</b>	<b>Q</b>	<b>C842</b>
<p><b>BSP</b></p> <p><b>Number of Poles:</b> 1 = Single Pole 2 = Double Pole</p> <p><b>Switch Function:</b> 0 = OFF - (ON) 1 = ON - (ON) **for Single Pole only</p> <p><b>Actuator / Bushing:</b> T = 5.46mm Actuator, Non-Threaded F = Flush Actuator, Non-Threaded</p> <p><b>Terminals:</b> B = Solder Lug C = PC Pin H = Horizontal Mount, Right Angle PC Pin; <i>HS = Snap-in</i> V = Vertical Mount, Right Angle PC Pin; <i>VS = Snap-in</i> A5 = PC Pin with Support Bracket; <i>A5S = Snap-in Support Bracket</i></p> <p><b>Contacts:</b> Q = Silver Plated R = Gold Plated G = Gold over Silver Plated</p> <p><b>Cap Options:</b>                      <b>Cap Colors:</b> C84 C85                                      <b>** See Cap Options for color availability</b> C86</p>							

**SWITCH FUNCTION**

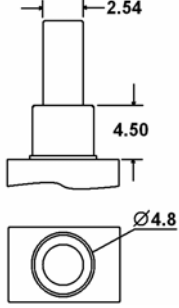
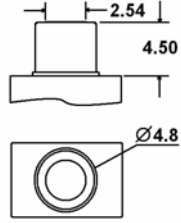
 <b>SPST</b> 	Function	Pushbutton Position		  
	<b>0</b>			
	Terminals	---	1-3	

**SWITCH FUNCTION**

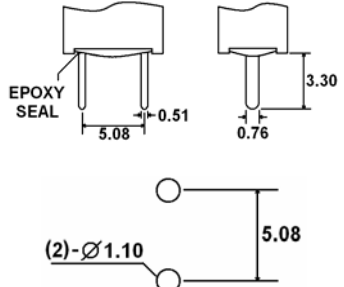
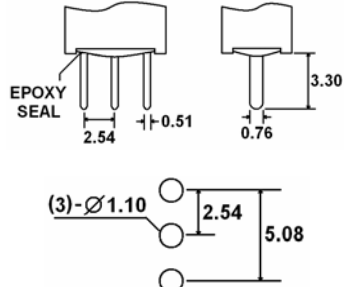
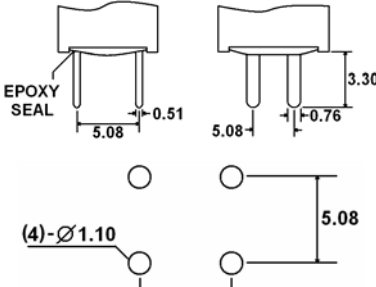
 <b>SPDT</b> 	<b>Function</b>  <b>1</b>  <b>Terminals</b>	<b>Pushbutton Position</b>		
				

 <b>DPST</b> 	<b>Function</b>  <b>0</b>  <b>Terminals</b>	<b>Pushbutton Position</b>		
				

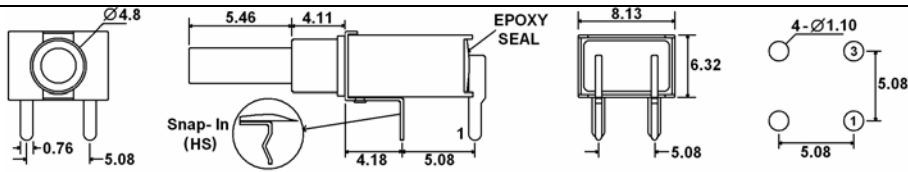
**ACTUATOR / BUSHING OPTIONS**

 <b>T</b>	 <b>F</b>
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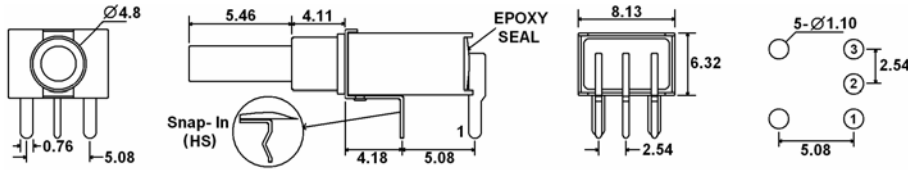
**TERMINAL OPTIONS**

 <b>C – SPST</b>	 <b>C – SPDT</b>	 <b>C – DPST</b>
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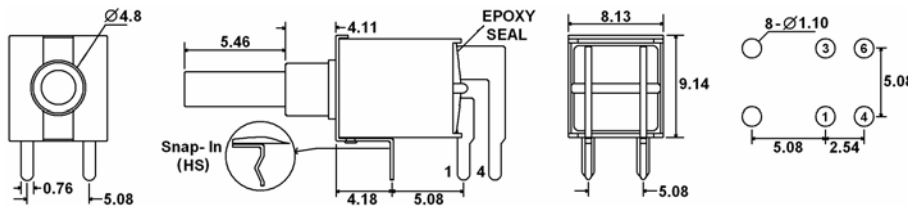
**TERMINAL OPTIONS**



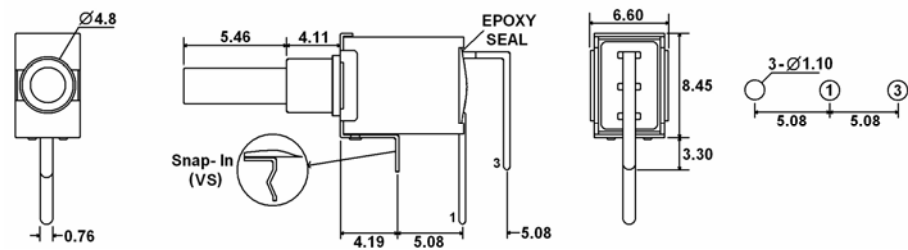
**H (HS – Snap-in) = Horizontal Mount, Right Angle PC Pins (SPST)**



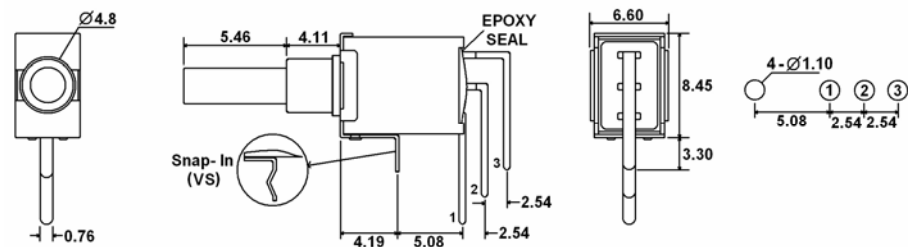
**H (HS – Snap-in) = Horizontal Mount, Right Angle PC Pins (SPDT)**



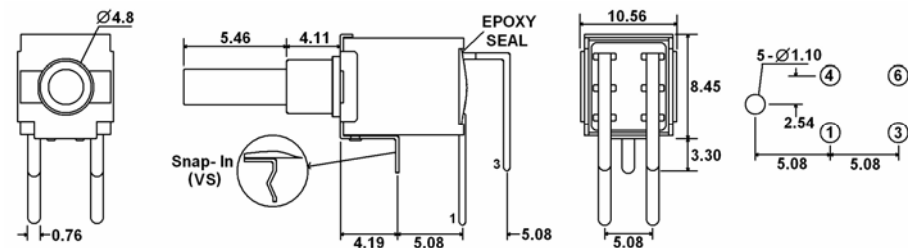
**H (HS – Snap-in) = Horizontal Mount, Right Angle PC Pins (DPST)**



**V (VS – Snap-in) = Vertical Mount, Right Angle PC Pins (SPST)**

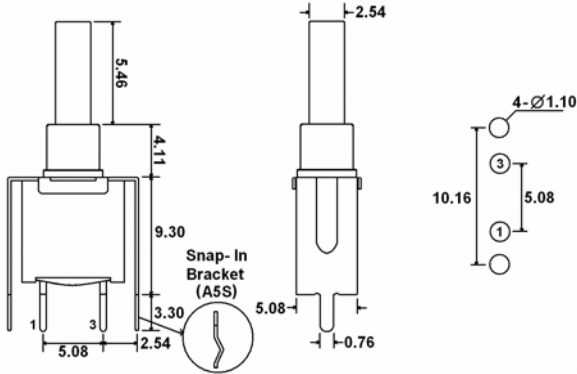


**V (VS – Snap-in) = Vertical Mount, Right Angle PC Pins (SPDT)**

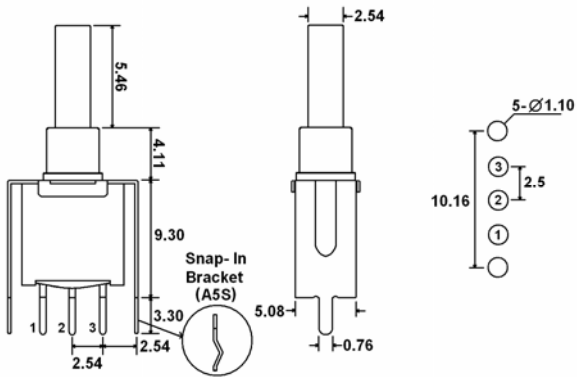


**V (VS – Snap-in) = Vertical Mount, Right Angle PC Pins (DPST)**

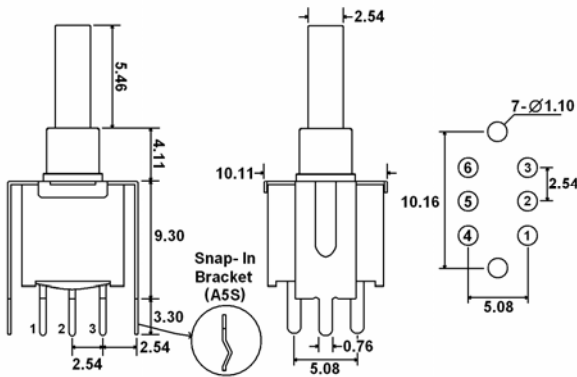
## TERMINAL OPTIONS



**A5 (A5S – Snap-in Bracket) = PC Pins with Support Bracket (SPST)**



**A5 (A5S – Snap-in Bracket) = PC Pins with Support Bracket (SPDT)**

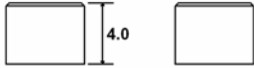
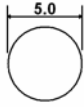


**A5 (A5S – Snap-in Bracket) = PC Pins with Support Bracket (DPST)**

## CONTACT OPTIONS

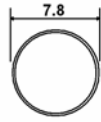
Designator	Contact Material	Terminal Material	Electrical Ratings
Q	Silver Plating	Silver Plating	3A @ 120VAC, 28VDC; 1A @ 250VAC
R	Gold over Nickel Plating	Gold over Nickel Plating	.4 VA max @ 20VAC or VAC max
G	Gold over Silver Plating	Gold over Silver Plating	.4 VA max @ 20VAC or VAC max or 3A @ 120VAC, 28VDC; 1A @ 250VAC

**CAP OPTIONS**



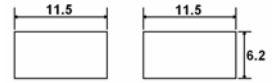
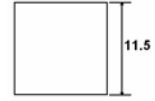
**C84\_**

1 = White, 2 = Black, 3 = Red  
 Contact Factory for other available colors



**C85\_**

1 = White, 2 = Black, 3 = Red  
 Contact Factory for other available colors



**C86\_**

1 = White, 2 = Black, 3 = Red  
 Contact Factory for other available colors