

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



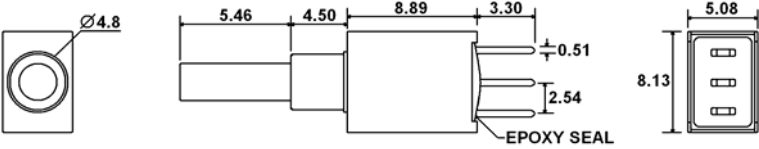


ORDERING INFORMATION


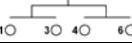
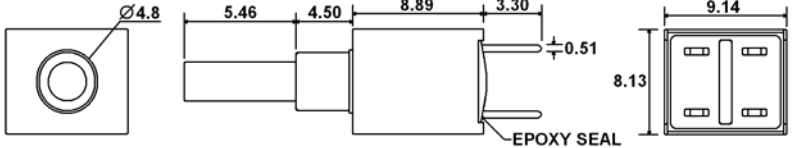


Series:	BSP	2	1	T	C	Q	C842
<p>BSP</p> <p>Number of Poles: 1 = Single Pole 2 = Double Pole</p> <p>Switch Function: 0 = OFF - (ON) 1 = ON - (ON) **for Single Pole only</p> <p>Actuator / Bushing: T = 5.46mm Actuator, Non-Threaded F = Flush Actuator, Non-Threaded</p> <p>Terminals: B = Solder Lug C = PC Pin 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>Contacts: Q = Silver Plated R = Gold Plated G = Gold over Silver Plated</p> <p>Cap Options: Cap Colors: C84 C85 ** See Cap Options for color availability</p>							

SWITCH FUNCTION

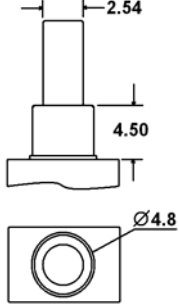
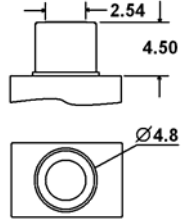
<p>SPST</p> <p>10 30</p>	<p>Function</p> <p>0</p>	<p>Pushbutton Position</p>		
	<p>Terminals</p>	<p>---</p>	<p>1-3</p>	

SWITCH FUNCTION

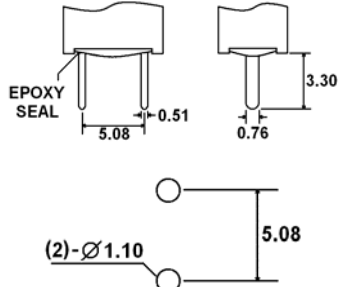
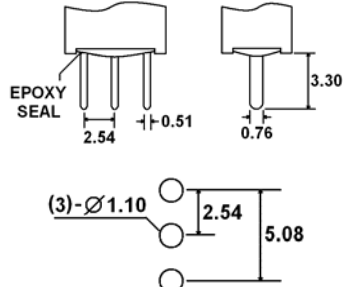
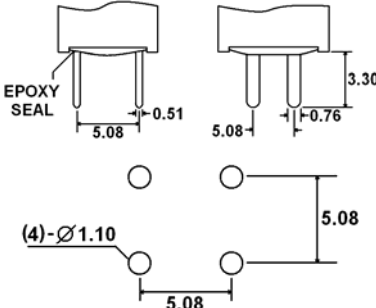
 SPDT 	Function	Pushbutton Position		
				
	1	OFF	(ON)	
Terminals	2-1	2-3		

 DPST 	Function	Pushbutton Position		
				
	0	OFF	(ON)	
Terminals	---	1-3, 4-6		

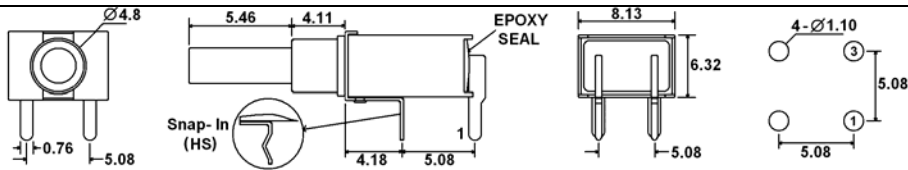
ACTUATOR / BUSHING OPTIONS

 T	 F
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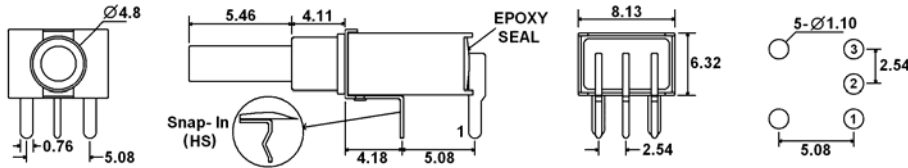
TERMINAL OPTIONS

 C – SPST	 C – SPDT	 C – DPST
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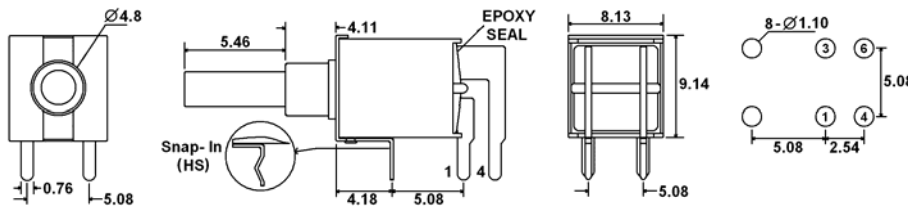
TERMINAL OPTIONS



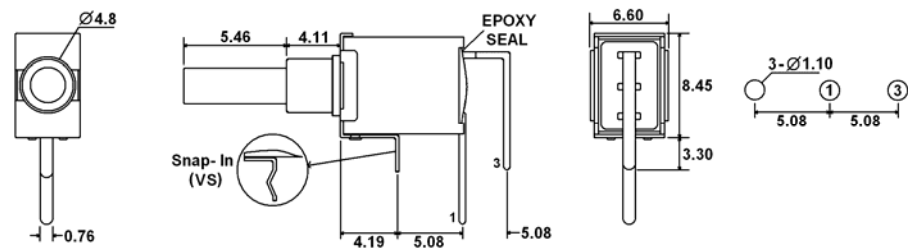
H (HS – Snap-in) = Horizontal Mount, Right Angle PC Pins (SPST)



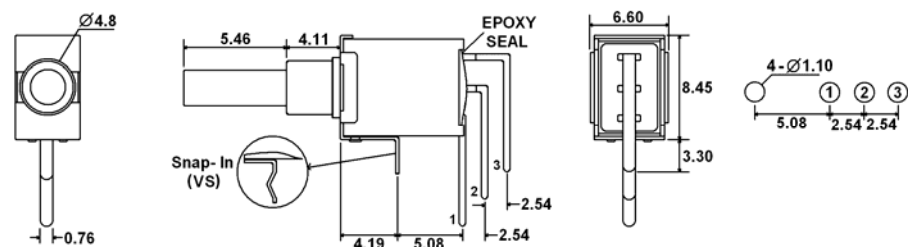
H (HS – Snap-in) = Horizontal Mount, Right Angle PC Pins (SPDT)



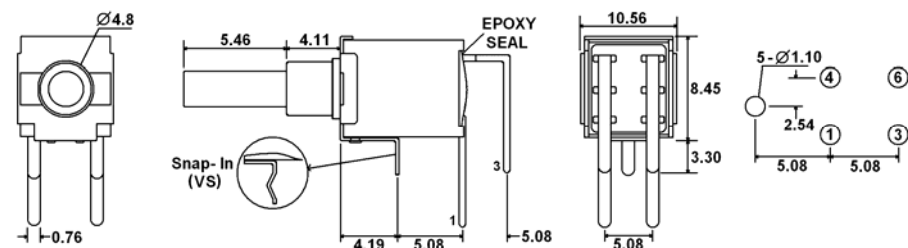
H (HS – Snap-in) = Horizontal Mount, Right Angle PC Pins (DPST)



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

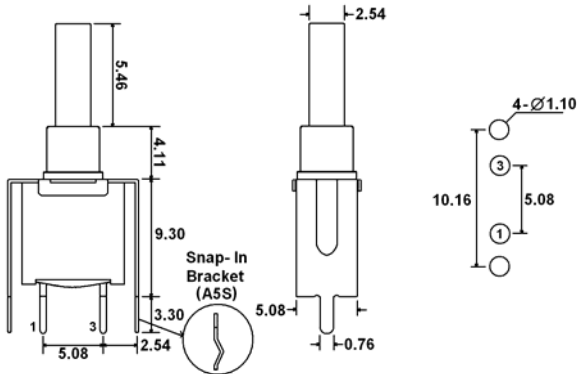


V (VS – Snap-in) = Vertical Mount, Right Angle PC Pins (SPDT)

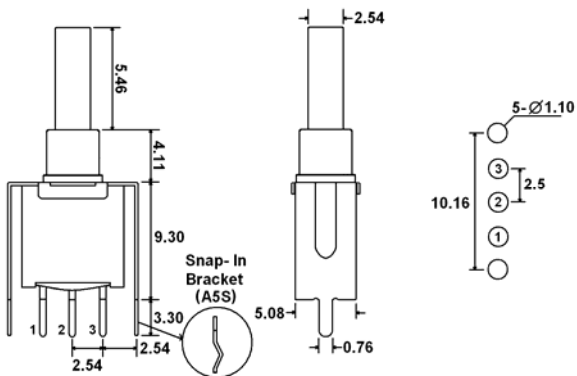


V (VS – Snap-in) = Vertical Mount, Right Angle PC Pins (DPST)

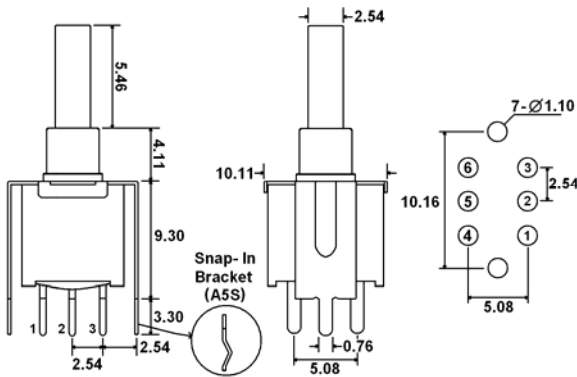
TERMINAL OPTIONS



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



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


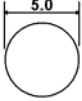
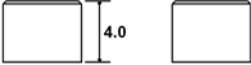


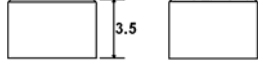


A5 (A5S – Snap-in Bracket) = PC Pins with Support Bracket (DPST)

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 VDC max
G	Gold over Silver Plating	Gold over Silver Plating	.4 VA max @ 20VAC or VDC max or 3A @ 120VAC, 28VDC; 1A @ 250VAC

CAP OPTIONS

   <p>C84_ 1 = White, 2 = Black, 3 = Red Contact Factory for other available colors</p>	   <p>C85_ 1 = White, 2 = Black, 3 = Red Contact Factory for other available colors</p>
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