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 Storage Temperature	-40°C to 85°C -40°C to 85°C

Process Sealed

cULus - 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**

BSP

Number of Poles:
1 = Single Pole
2 = Double Pole

Switch Function:
0 = OFF - (ON)
1 = ON - (ON) **for Single Pole only

Actuator / Bushing:
T = 5.46mm Actuator, Non-Threaded
F = Flush Actuator, Non-Threaded

Terminals:
B = Solder Lug
C = PC Pin
H = Horizontal Mount, Right Angle PC Pin; *HS = Snap-in*
V = Vertical Mount, Right Angle PC Pin; *VS = Snap-in*
A5 = PC Pin with Support Bracket; *A5S = Snap-in Support Bracket*

Contacts:
Q = Silver Plated
R = Gold Plated
G = Gold over Silver Plated

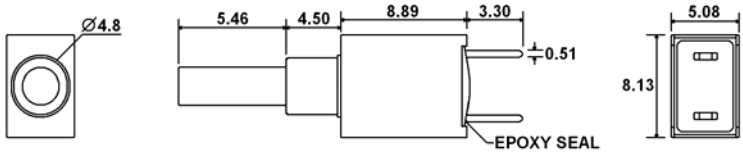
Cap Options:
C84
C85

Cap Colors:
** See Cap Options for color availability

SWITCH FUNCTION

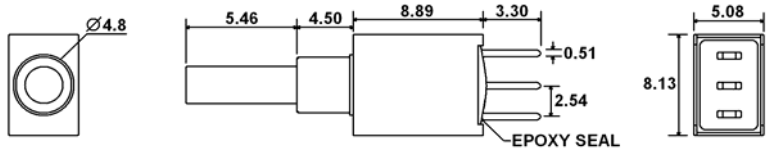
SPST

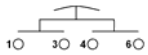
Function	Pushbutton Position	
0	OFF	(ON)
Terminals	---	1-3

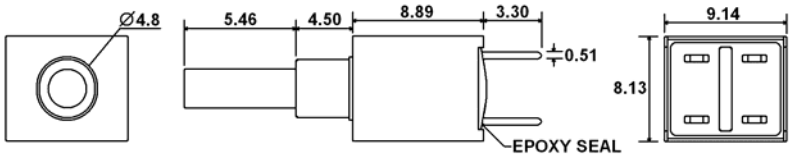


SWITCH FUNCTION

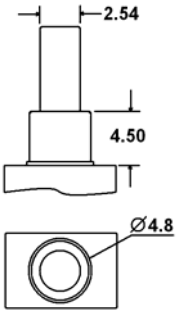
	Function	Pushbutton Position	
SPDT	1	OFF	(ON)
	Terminals	2-1	2-3



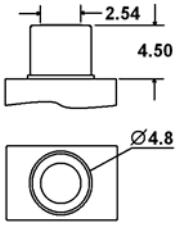
	Function	Pushbutton Position	
DPST	0	OFF	(ON)
	Terminals	---	1-3, 4-6



ACTUATOR / BUSHING OPTIONS

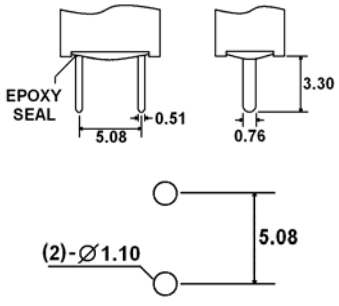


T

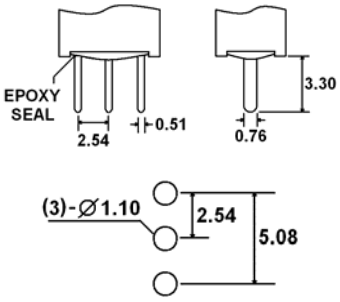


F

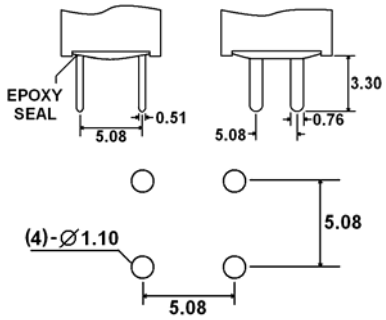
TERMINAL OPTIONS



C – SPST

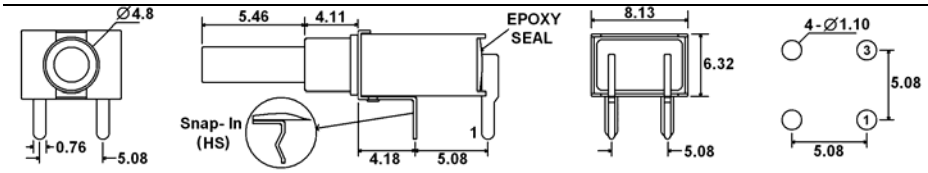


C – SPDT

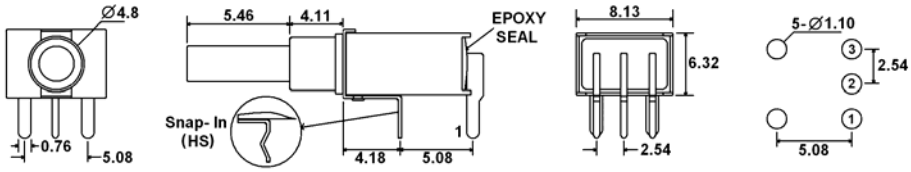


C – DPST

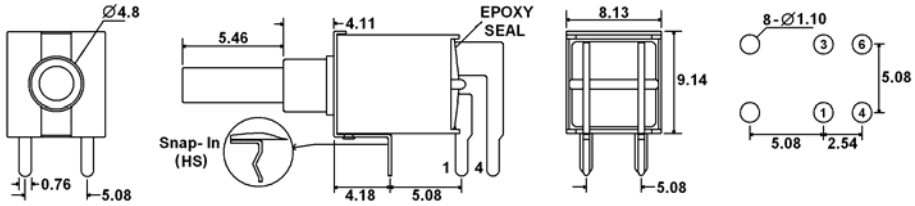
TERMINAL OPTIONS



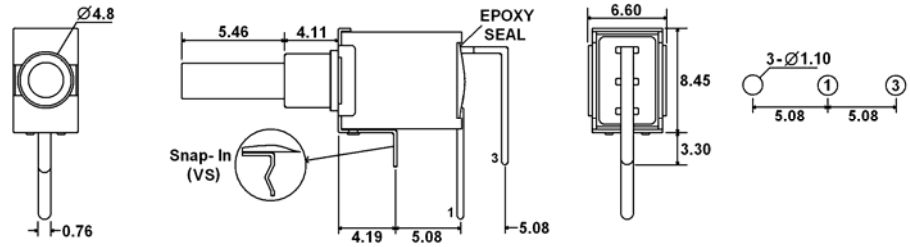
H (HS – Snap-in) = Horizontal Mount, Right Angle PC Pins (SPST)



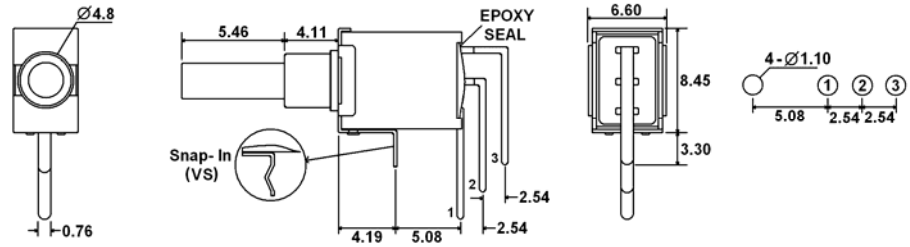
H (HS – Snap-in) = Horizontal Mount, Right Angle PC Pins (SPDT)



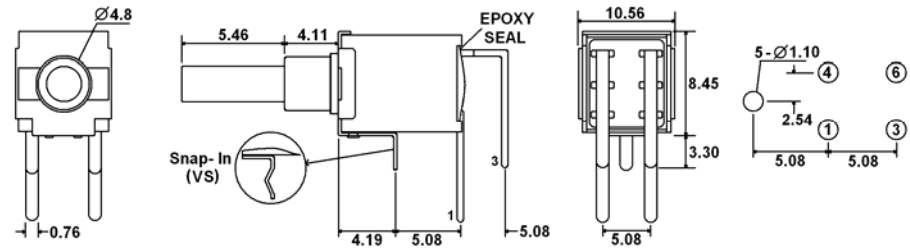
H (HS – Snap-in) = Horizontal Mount, Right Angle PC Pins (DPST)



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

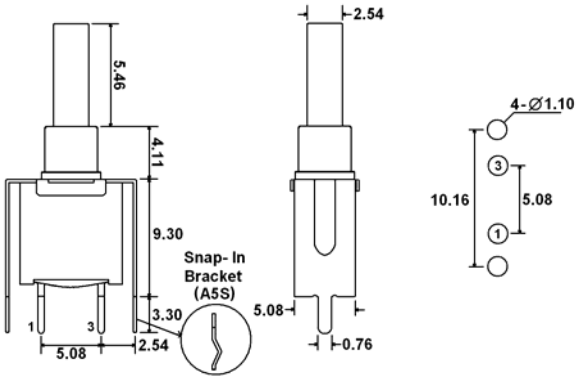


V (VS – Snap-in) = Vertical Mount, Right Angle PC Pins (SPDT)

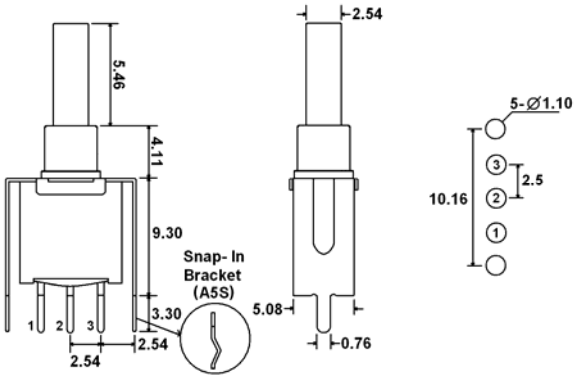


V (VS – Snap-in) = Vertical Mount, Right Angle PC Pins (DPST)

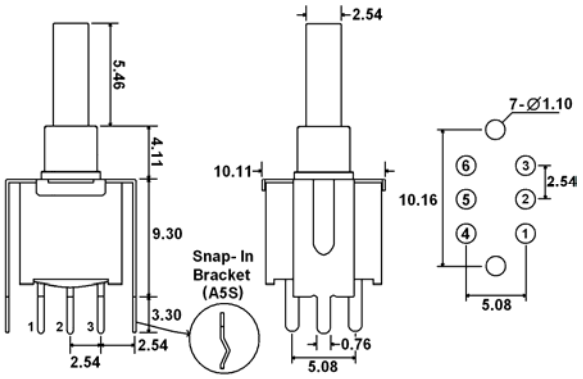
TERMINAL OPTIONS



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



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

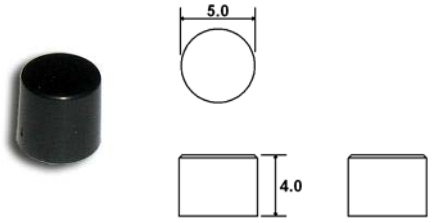


A5 (A5S – Snap-in Bracket) = PC Pins with Support Bracket (DPST)

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

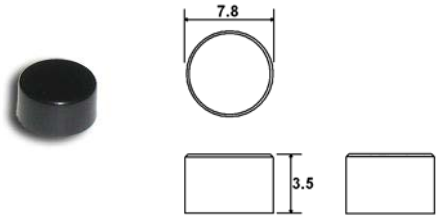
CAP OPTIONS



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