

SPECIFICATIONS

CONTACT RATING: 1A @120 VAC or 28 VDC
 ELECTRICAL LIFE: 50,000 make-and-break cycles at full load
 CONTACT RESISTANCE: 20 mΩ max. initial @2-4 VDC, 100 mA
 INSULATION RESISTANCE: 1,000 MΩ min.
 DIELECTRIC STRENGTH: 1,000 V RMS @ sea level.
 OPERATING TEMPERATURE: -30°C to +85°C

MATERIALS

CASE & BUSHING - Glass filled nylon 6/6 or nylon 4/6 (UL94V-0)
 PLUNGER - Glass filled nylon or glass filled polyester (UL94V-0), with internal o-ring seal standard
 SWITCH SUPPORT - Copper alloy or steel, tin plated
 CONTACT AND TERMINAL - Copper alloy, silver plated
 TERMINAL SEAL - Epoxy

How do you build the switches you need!!

The straight type, please see the (A);

The right angle P.C terminals, please see the (B)

(A) E 8 7 0 1 - C V 1 - 2 - N - C Q - S 2 0 -

Switches Function		Cap		Cap color		Bushing		Contact Material		RoHS code
E8701	SPDT on-mon	none	(none)	1	white	E	Thd. Key-way 8.89	Q	silver plated	☐ = none H = RoHS Compliant
E8702	DPDT on-mon	CV	5.08	2	black	N	Non-thd/key-way 6.35	R	gold plated	
		CV1	7.55	3	red			G	gold over silver	
		CV2	9.53	4	orange	Termination		Vertical support Bracket		
		CV4	dress nut	5	yellow	B	solder lug	(none)		
				6	green	C	P.C 1.27width	S20	11.68	
				7	blue					
				8	brown					
				9	gray					

(B) E 8 7 0 1 - A 4 - C V 1 - 2 - N - Q -

Switches Function		Right Angle		Cap		Cap color		Bushing		RoHS code
E8701	SPDT on-mon	A4	Horizon	none	(none)	1	white	N	(Std.) non-thd/key-way	☐ = none H = RoHS Compliant
E8702	DPDT on-mon	A5	Vertical	CV	5.08	2	black	Contact Material		
				CV1	7.55	3	red	Q	silver plated	
				CV2	9.53	4	orange	R	gold plated	
						5	yellow	G	gold over silver	
						6	green			
						7	blue			
						8	brown			
						9	gray			

INDEX

TOGGLE

ROCKER

SLIDE

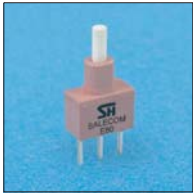
PUSHBUTTON

DIP

TACT

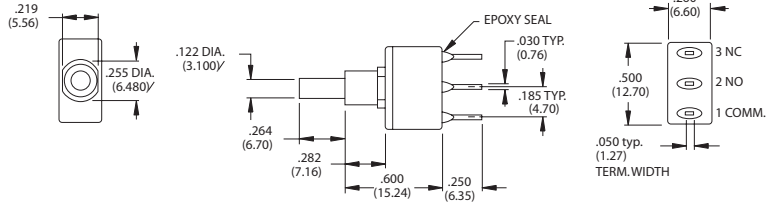
E80-P Sealed Snap-Acting Momentary Pushbutton Switches

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PUSHBUTTON
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SPDT

Model No.	Switching position	
E8701	on	mom
Term. Comm.	1-3	1-2

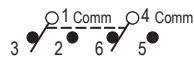
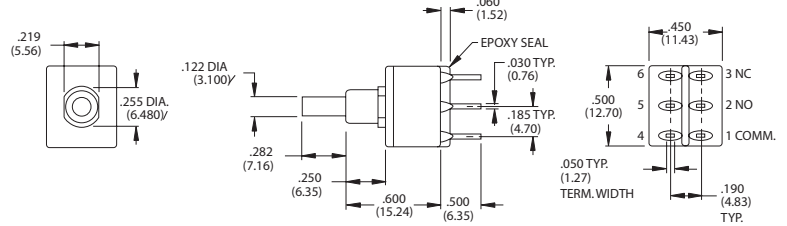


E8701-NCQ



DPDT

Model No.	Switching position	
E8702	on	mom
Term. Comm.	1-3 4-6	1-2 4-5

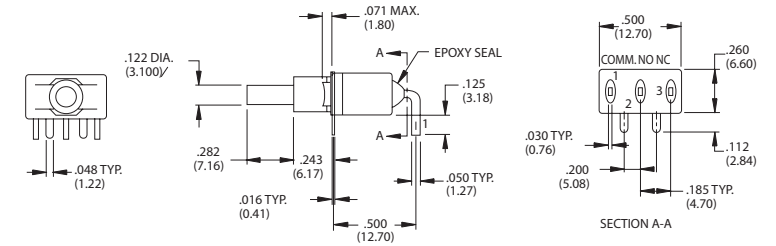


E8702-NCQ



SPDT

Model No.	Switching position	
E8701-A4	on	mom
Term. Comm.	1-3	1-2

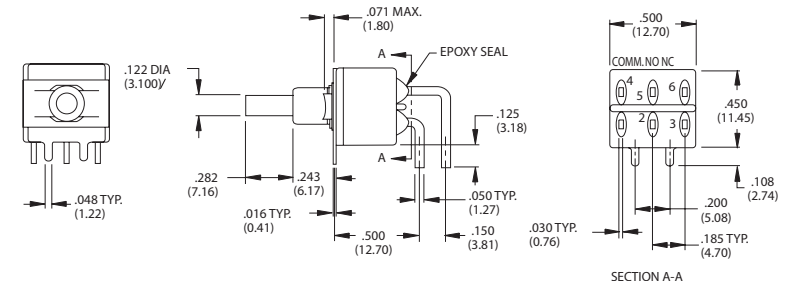


E8701-A4-NCQ



DPDT

Model No.	Switching position	
E8702-A4	on	mom
Term. Comm.	1-3 4-6	2-2 4-5

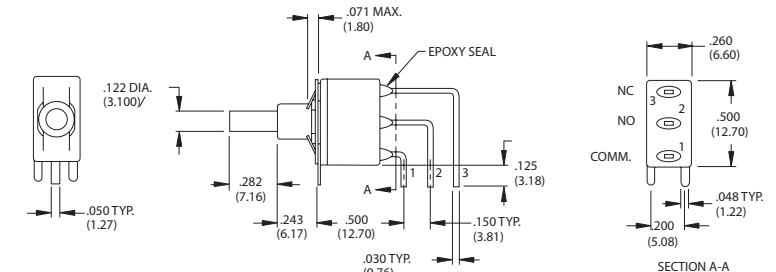


E8702-A4-NCQ

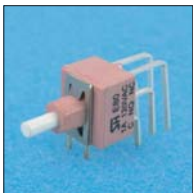


SPDT

Model No.	Switching position	
E8701-A5	on	mom
Term. Comm.	1-3	1-2

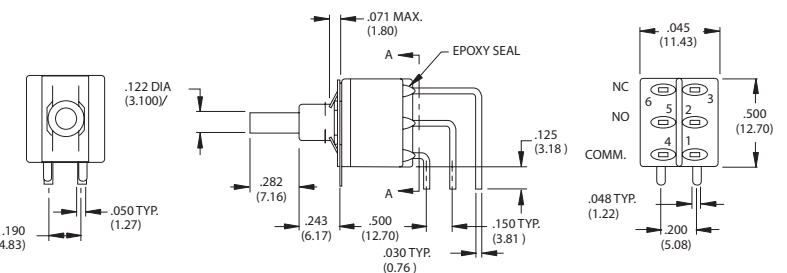


E8701-A5-NCQ



DPDT

Model No.	Switching position	
E8702-A5	on	mom
Term. Comm.	1-3 4-6	2-2 4-5



E8702-A5-NCQ

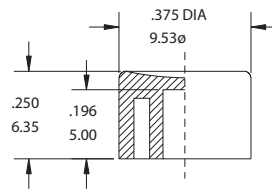
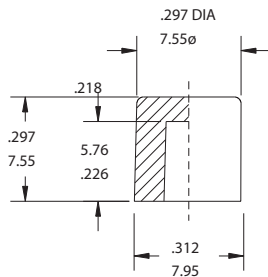
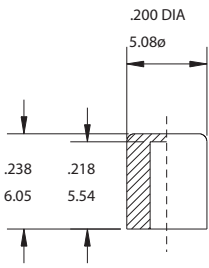
Cap Option

Cap color Option

CV

CV1

CV2

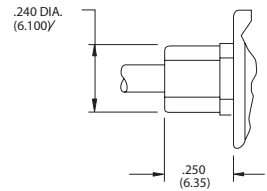
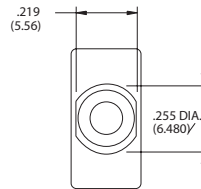
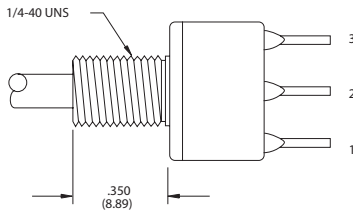
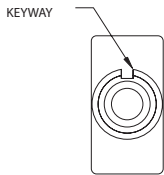


CAP & ACTUATOR OPTIONS	
1	White
2	Black(Std.)
3	Red
4	Orange
5	Yellow
6	Green
7	Blue
8	Brown
9	Gray

Bushing Option

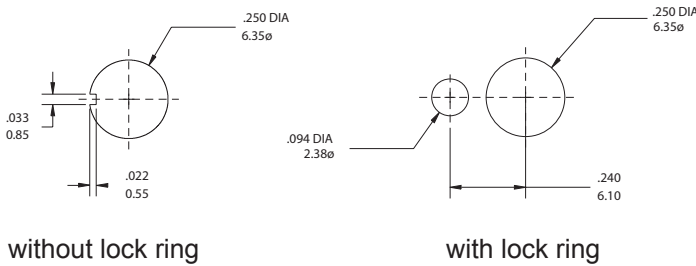
E

N



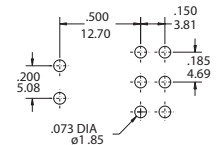
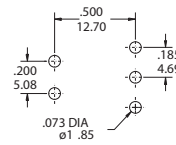
Panel mounting Dimension

P.C.B. mounting Dimension



E8701-A4

E8702-A4



TERMINAL OPTION (only for the straight type)

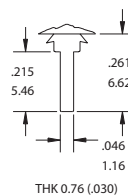
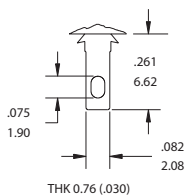
B STD

C PRINTED CIRCUIT

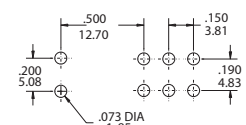
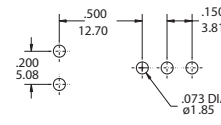
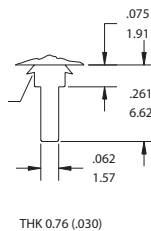
D QUICK CONNECT

E8701-A5

E8702-A5



EPOXY SEAL



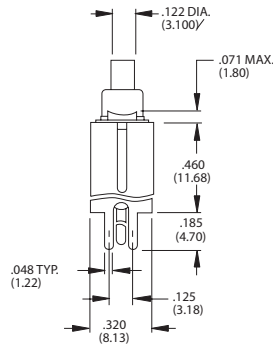
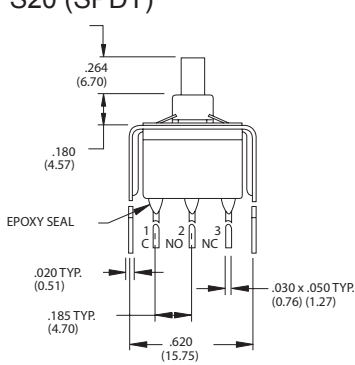
CONTACT MATERIAL OPTION

CODE	CONTACT MATERIAL	TERMINAL MATERIAL	RATING
Q	Silver plated	Silver plated	1A @ 120V AC or 28 V DC;
R	Gold plated over nickel plated	Gold plated over nickel plated	0.4 VA MAX@ 20V AC or DC MAX
G	Gold plated over silver plated	Gold plated over silver plated	0.4 VA MAX @ 20 V AC or DC MAX or 1 A @ 120V AC or 28 V DC;

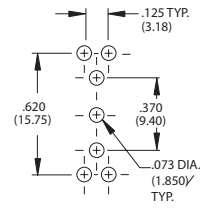
VERTICAL SUPPORT BRACKET OPTION

(only apply the straight type terminal. Please build the terminal option is "C" code)

S20 (SPDT)

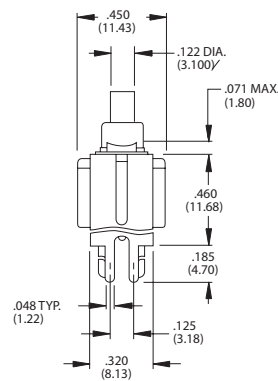
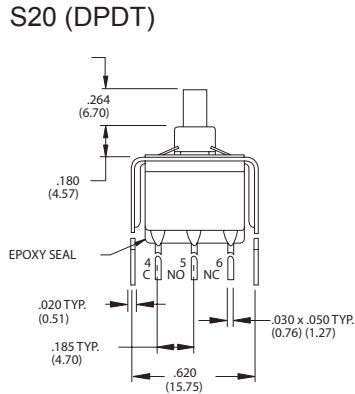


P.C. MOUNTING

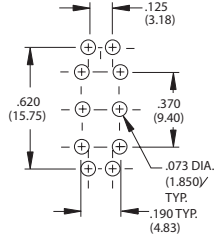


E8701-NCQ-S20

S20 (DPDT)



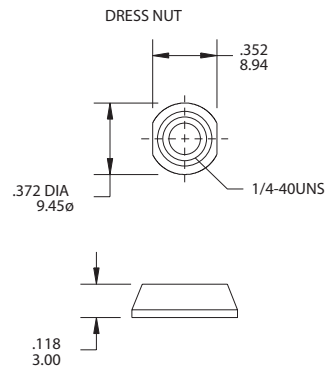
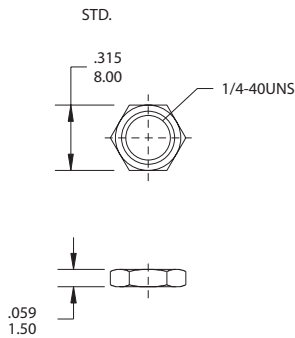
P.C. MOUNTING



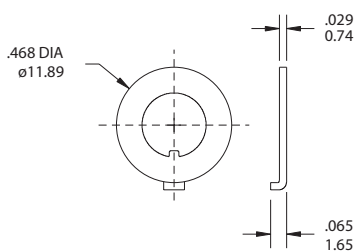
E8702-NCQ-S20

The hard ware of E80-P push button switches

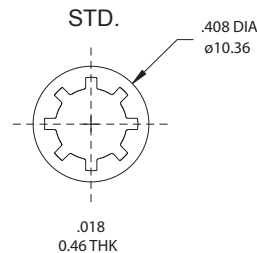
NUT



LOCKING RING



LOCK WASHER



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