**SPECIFICATIONS:**

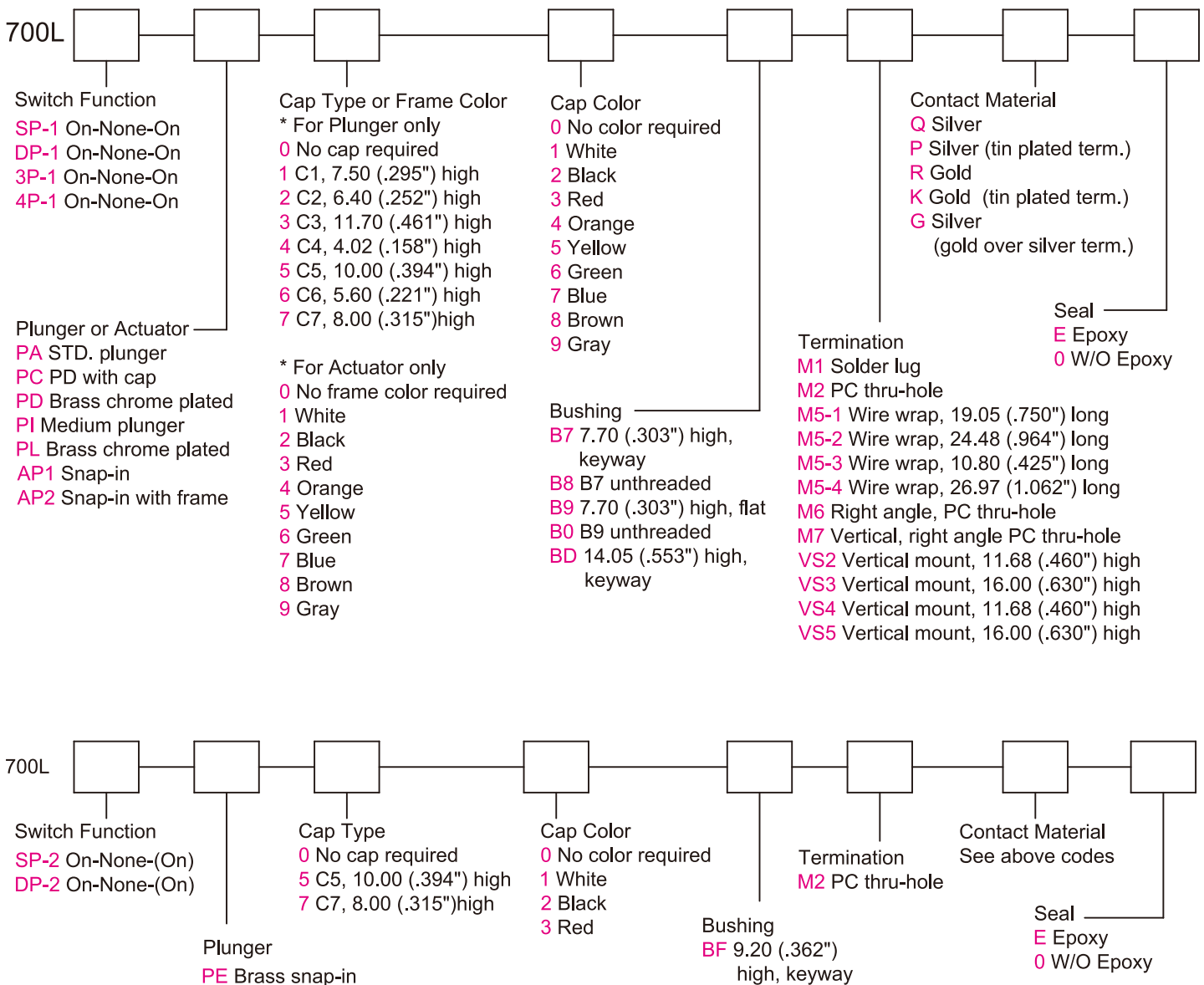
CONTACT RATING: Refer to "Contact Material Options" for more info.
 ELECTRICAL LIFE: 50,000 make and break cycles at full load.
 CONTACT RESISTANCE: 10mΩ max. initial @2-4VDC
 INSULATION RESISTANCE: 1,000MΩ min.
 DIELECTRIC STRENGTH: 1,500V RMS @ sea level.
 OPERATION TEMPERATURE: -30°C to +85°C.

MATERIALS:

CASE: Diallyl phthalate(DAP)(UL 94V-0).
 PLUNGER: Polybutylene terephthalate (PBT) or Nylon (UL 94V-0).
 FRAME: Nylon 6/6 (UL 94HB), black standard.
 BUTTON & CAP: Nylon 6/6 or ABS, black standard.
 BUSHING: Brass, nickel plated.
 HOUSING: Stainless steel.
 TERMINAL SEAL: Epoxy.

Specifications and Dimensions subject to change

If your preferred product configuration is not shown, please contact our sales representative for custom design.

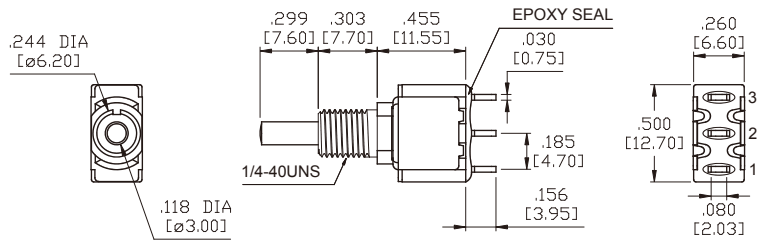
HOW TO ORDER SYSTEM

SPDT



Model No.	Switching Position		
SP-1	ON	NONE	ON
Term. Comm.	2-3	OPEN	2-1

Schematic

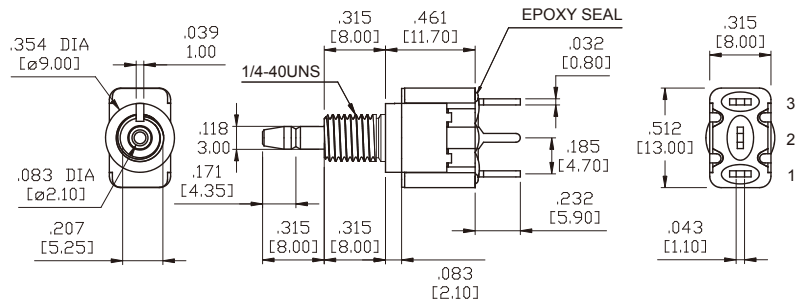


SPDT



Model No.	Switching Position		
SP-2	ON	NONE	(ON)
Term. Comm.	2-3	OPEN	2-1

Schematic

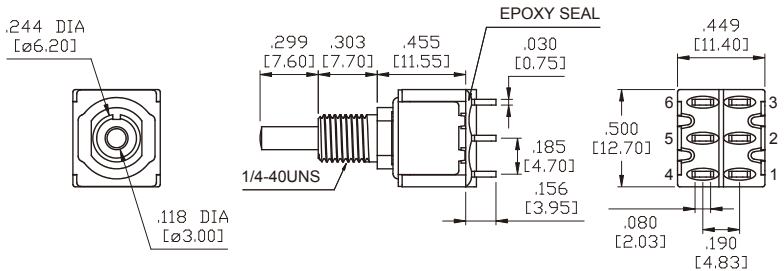
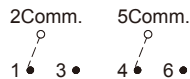


DPDT



Model No.	Switching Position		
DP-1	ON	NONE	ON
Term. Comm.	2-3,5-6	OPEN	2-1,5-4

Schematic

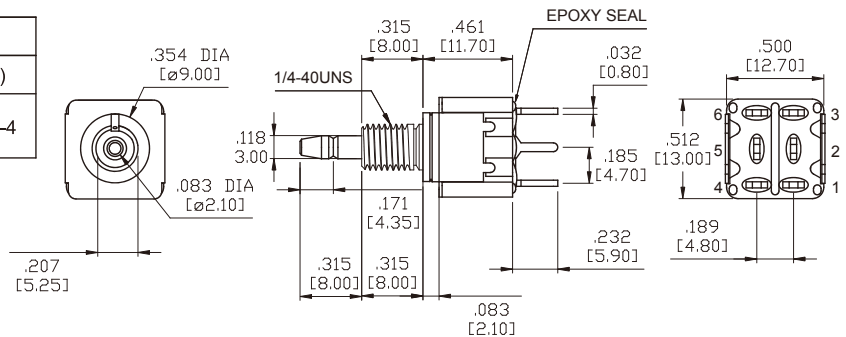
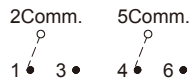


DPDT



Model No.	Switching Position		
DP-2	ON	NONE	(ON)
Term. Comm.	2-3,5-6	OPEN	2-1,5-4

Schematic

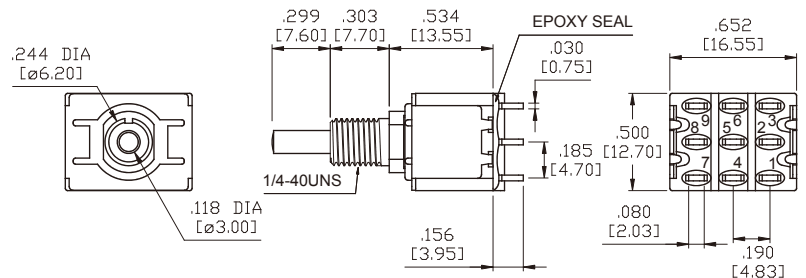


3PDT

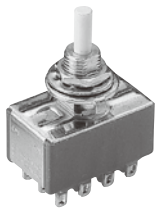


Model No.	Switching Position		
3P-1	ON	NONE	ON
Term. Comm.	2-3,5-6 8-9	OPEN	2-1,5-4 8-7

Schematic

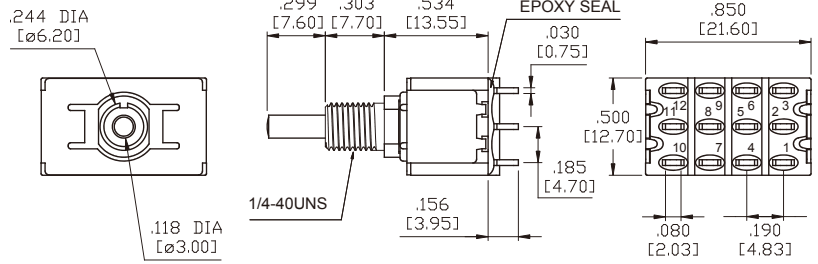
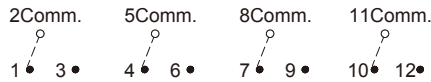


4PDT



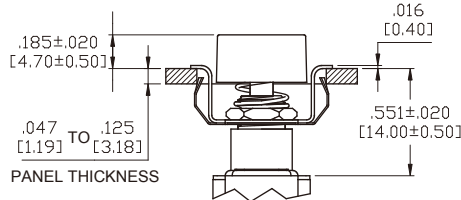
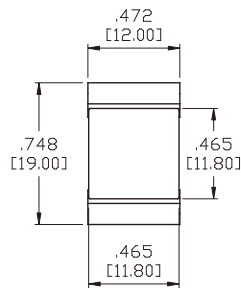
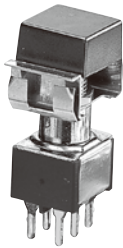
Model No.	Switching Position		
4P-1	ON	NONE	ON
Term. Comm.	2-3,5-6 8-9 11-12	OPEN	2-1,5-4 8-7 11-10

Schematic

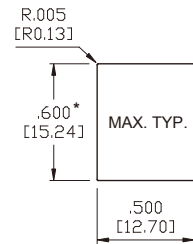


ACTUATOR OPTIONS FOR SNAP-IN FRONT MOUNT

AP1

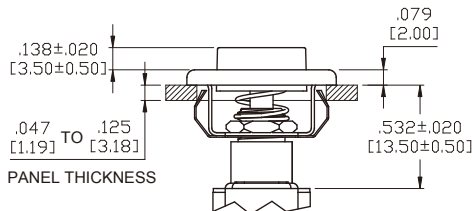
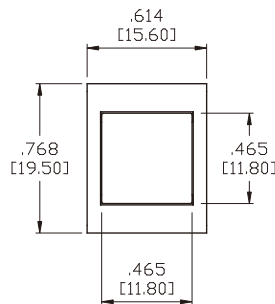
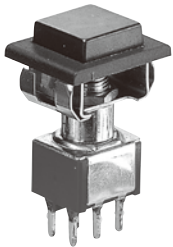


PANEL MOUNTING

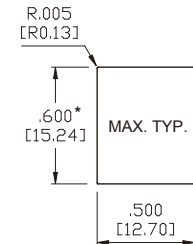


* Increase this dimension to .620/.625 [15.75/15.88] for .091/.125 [2.31/3.18] thk. panels.

AP2 WITH FRAME



PANEL MOUNTING



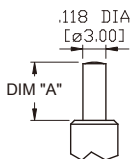
* Increase this dimension to .620/.625 [15.75/15.88] for .091/.125 [2.31/3.18] thk. panels.

PLUNGER OPTIONS (SP-1 & DP-1 MODEL)

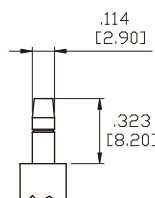
PL

PC

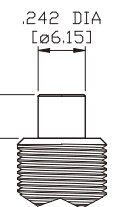
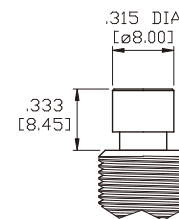
PD



OPTION CODE	DIM "A"
PA	.299 [7.60]
PI	.244 [6.20]



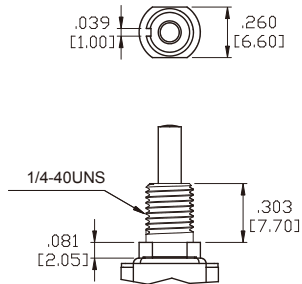
* Plunger material: Brass Nickel Plated



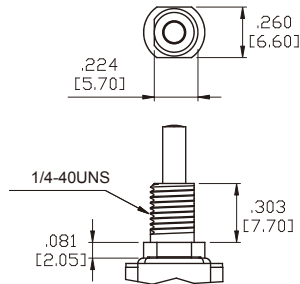
* Plunger material: Brass Chrome Plated
* PC,PD must configure with BD bushing

BUSHING OPTIONS (SP-1 & DP-1 MODEL)

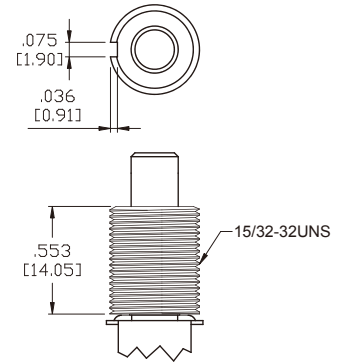
B7 THD STD
B8 NON-THD



B9 THD STD
B0 NON-THD

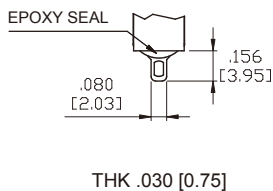


BD THD STD

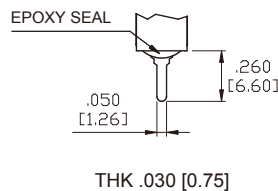


TERMINATION OPTIONS (SP-1 & DP-1 MODEL)

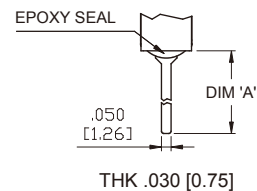
M1 STD. SOLDER LUG



M2 PC-THRU HOLE



M5 WIRE WRAP

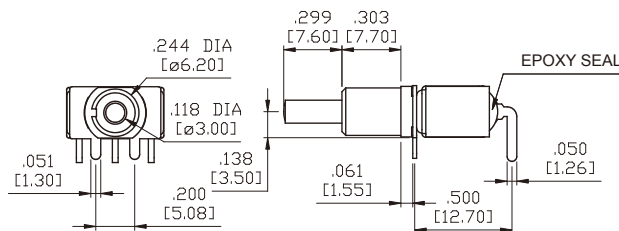


OPTION CODE	DIM. 'A'
M5-1	.750 [19.05]
M5-2	.964 [24.48]
M5-3	.425 [10.80]
M5-4	1.062 [26.97]

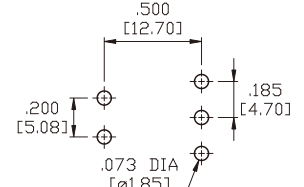
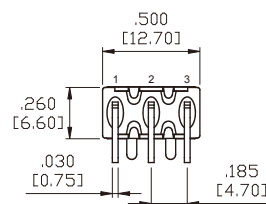
M6



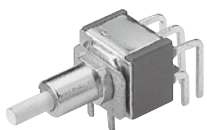
SPDT



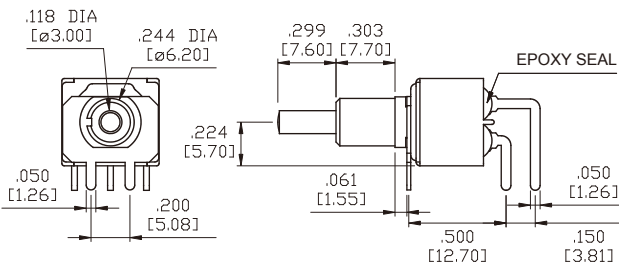
P.C.MOUNTING



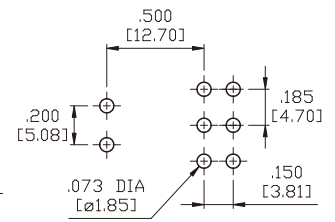
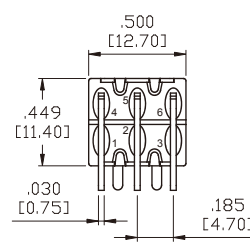
M6



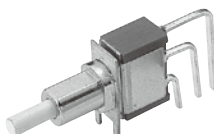
DPDT



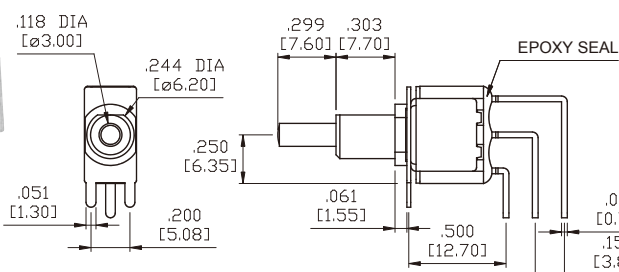
P.C.MOUNTING



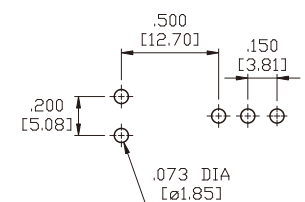
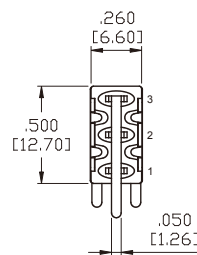
M7



SPDT

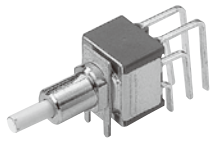


P.C.MOUNTING

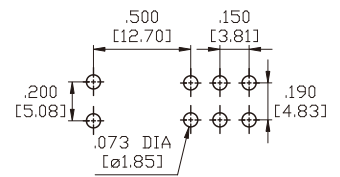
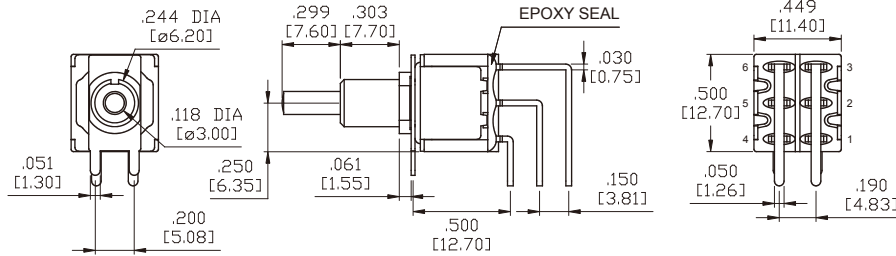


M7

P.C.MOUNTING

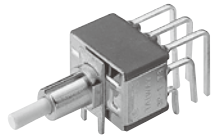


DPDT

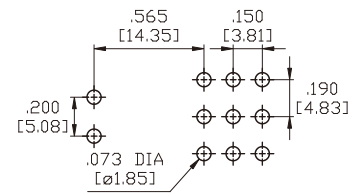
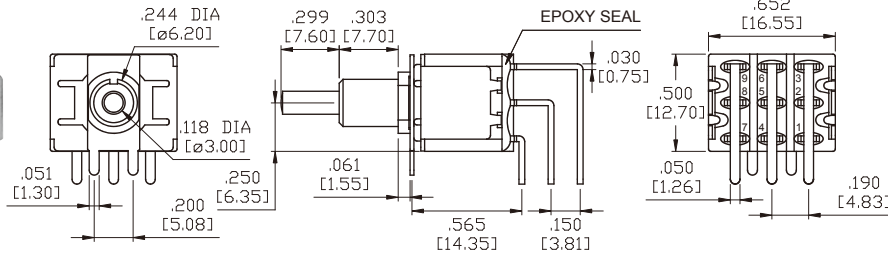


M7

P.C.MOUNTING

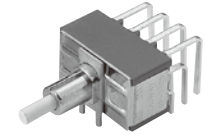


3PDT

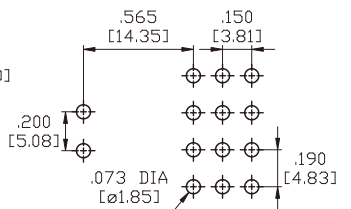
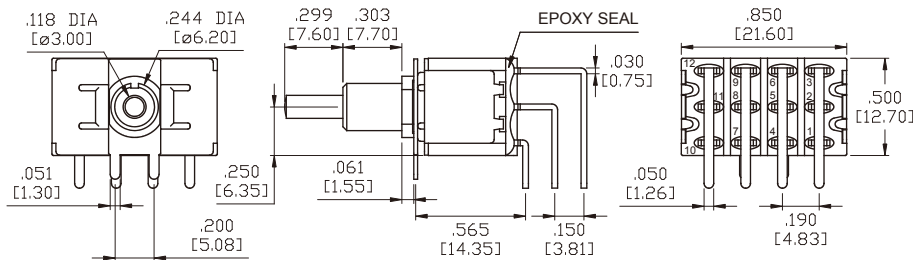


M7

P.C.MOUNTING

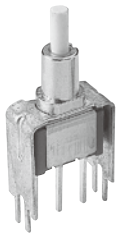


4PDT

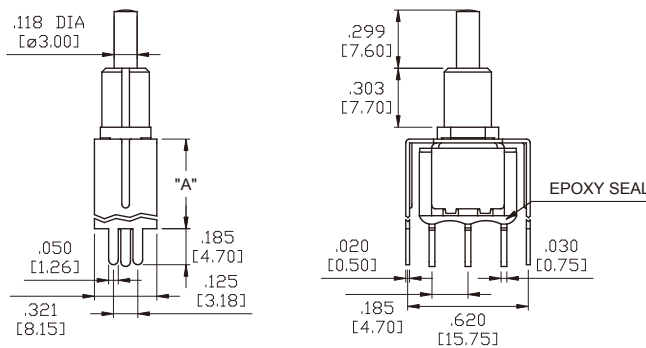


VS2-VS3

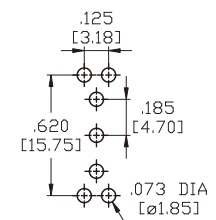
P.C.MOUNTING



SPDT



OPTION CODE	DIM.'A'
VS2	.461 [11.70]
VS3	.630 [16.00]

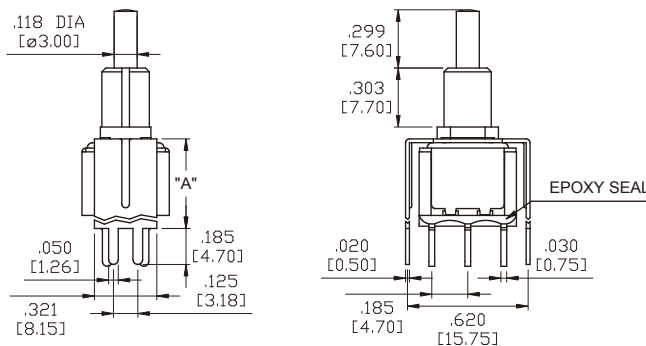


VS2-VS3

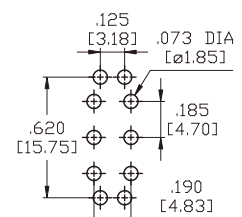
P.C.MOUNTING



DPDT



OPTION CODE	DIM.'A'
VS2	.461 [11.70]
VS3	.630 [16.00]



Toggle

Rocker

Slide

Pushbutton

AV

Rotary

Tact

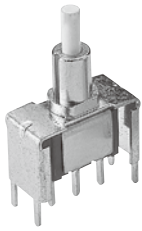
Touch Key

Miscellaneous

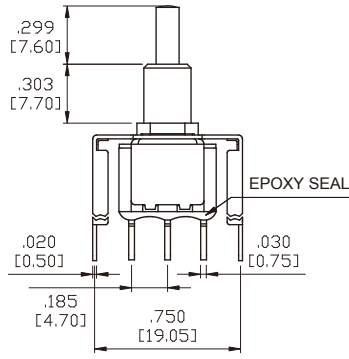
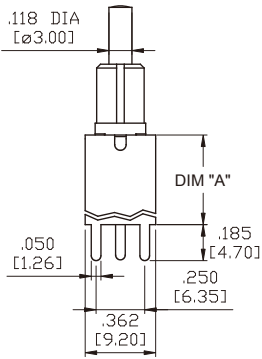
Series 700L

Alternate Acting Pushbutton Switches

VS4-VS5

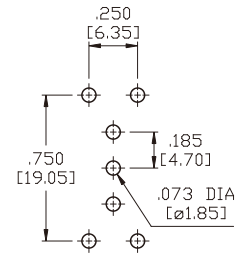


SPDT

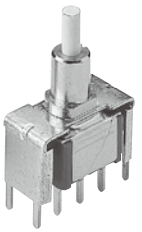


OPTION CODE	DIM.'A'
VS4	.461 [11.70]
VS5	.630 [16.00]

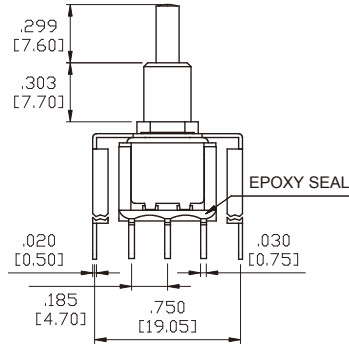
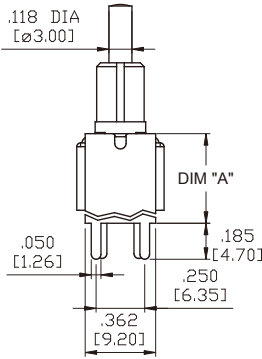
P.C.MOUNTING



VS4-VS5

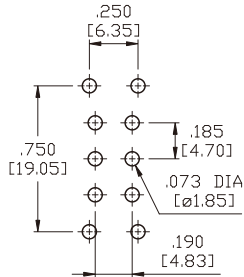


DPDT



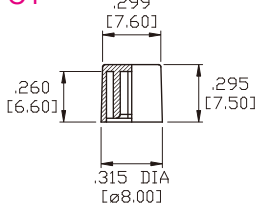
OPTION CODE	DIM.'A'
VS4	.461 [11.70]
VS5	.630 [16.00]

P.C.MOUNTING

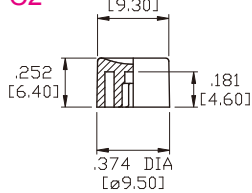


PLUNGER CAPS

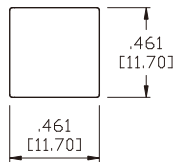
C1



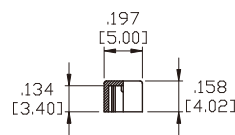
C2



C3

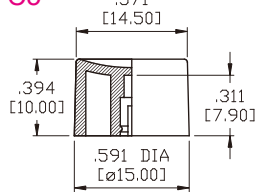


C4



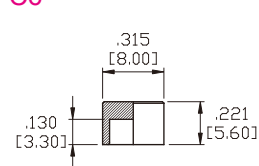
CAP AND FRAME COLORS	
1	White
2	Black
3	Red
4	Orange
5	Yellow
6	Green
7	Blue
8	Brown
9	Gray

C5



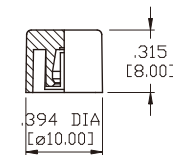
For PL plunger only

C6



For PD plunger only

C7

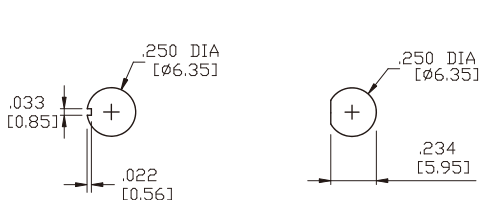


For PL plunger only

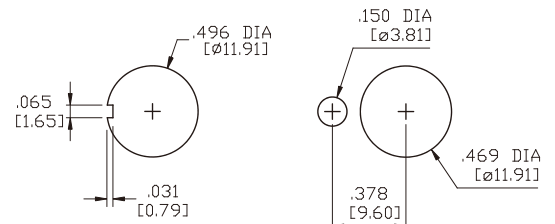
MATERIAL: ABS for C1~C5.
MATERIAL: Brass for C6
Chrome or nickel plated.

PANEL MOUNTING

1/4 INCH BUSHING

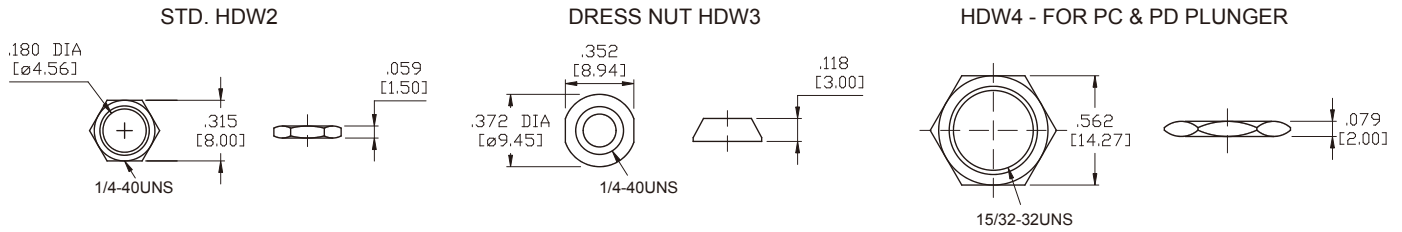


15/32 INCH BUSHING

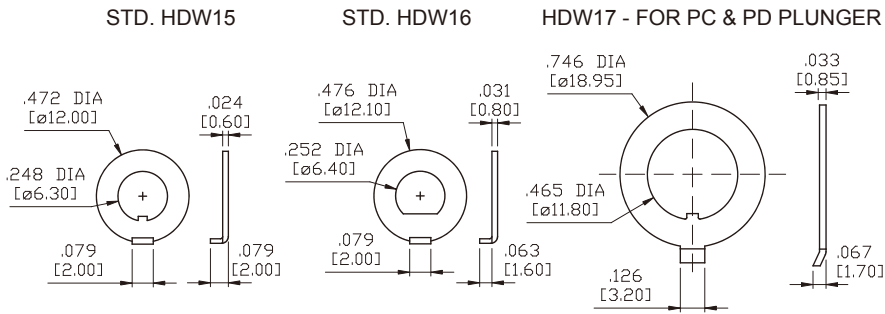


HARDWARE

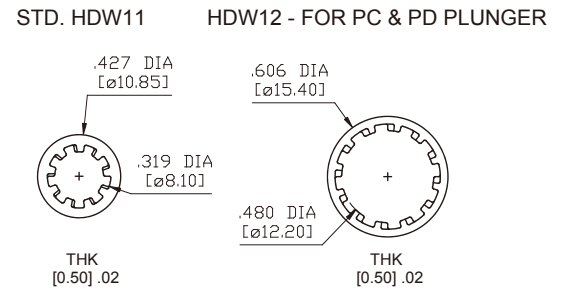
NUT



LOCKING RING



LOCK WASHER



CONTACT MATERIAL OPTIONS

Coding	Contact Material	Terminal Plating	Rating	Agency Approvals
Q	Silver ¹	Silver plated ⁶	6Amps @ 125VAC or 28VDC 3Amps @ 250VAC	c  US
P		Tin plated ^{5 8}		
R	Gold ²	Gold plated ⁴	0.4VA max @ 20V max (AC or DC)	
K		Tin plated ^{5 7}		
G	Silver ¹	Gold over silver ³	6Amps @ 125VAC or 28VDC 3Amps @ 250VAC	c  US

1. Movable Contact: Coin silver, silver plated.
2. Movable Contact: Copper alloy with gold plated over nickel plated.
3. Terminals: Silver plated with outer layer in gold plating.
4. Terminals: Copper alloy, with gold plated over nickel plated.
5. Outer Terminals: Copper alloy with pure tin plated.
6. Terminals: Copper alloy, silver plated.
7. Terminal Contact: Gold plated over nickel plated.
8. Terminal Contact: Palladium nickel alloy (or Silver) plated.

* P, K not available with M1 termination.