



Rocker

Slide

Pushbutton

All

Rotary

Tact

Touch Key

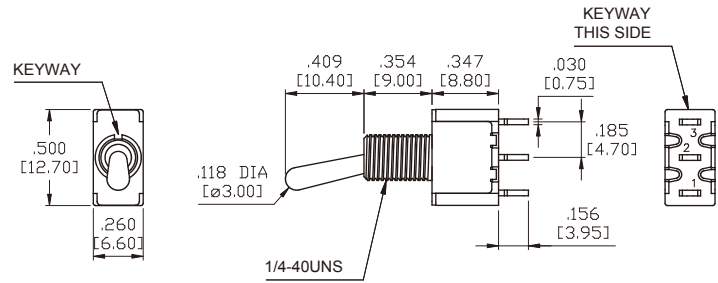


SPDT

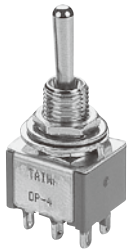


Model No.	Switching Position		
SP-1	ON	NONE	ON
SP-2	ON	NONE	(ON)
SP-3	ON	OFF	ON
SP-4	(ON)	OFF	(ON)
SP-5	ON	OFF	(ON)
Term. Comm.	2-3	OPEN	2-1

Schematic

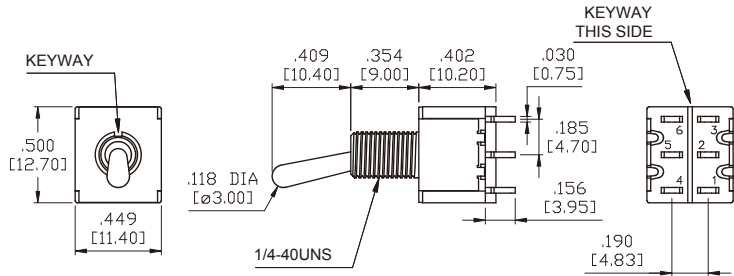
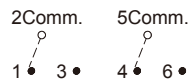


DPDT

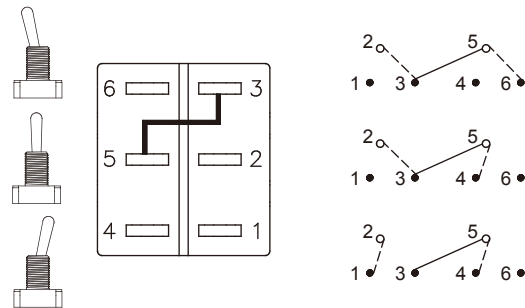


Model No.	Switching Position		
DP-1	ON	NONE	ON
DP-2	ON	NONE	(ON)
DP-3	ON	OFF	ON
DP-4	(ON)	OFF	(ON)
DP-5	ON	OFF	(ON)
Term. Comm.	2-3,5-6	OPEN	2-1,5-4

Schematic



WIRING FOR ON-ON-ON (3-WAY) FUNCTION

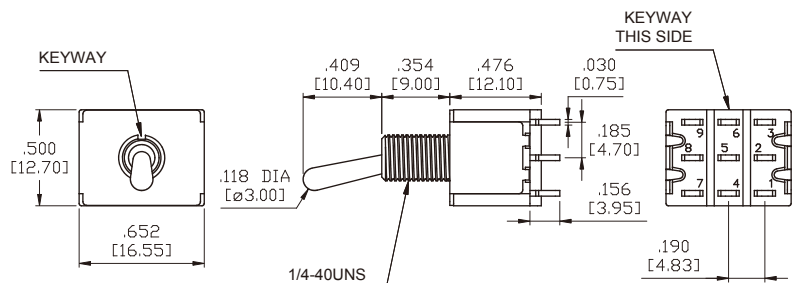


3PDT



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

Schematic



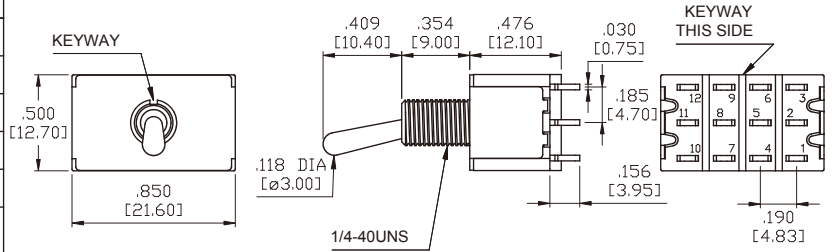
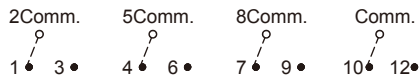
4PDT



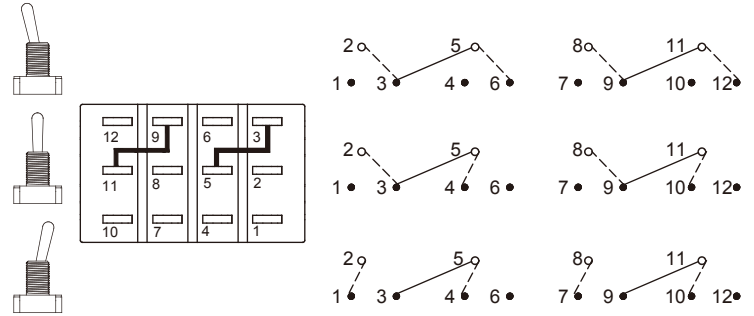
Model No.	Switching Position		
4P-1	ON	NONE	ON
4P-2	ON	NONE	(ON)
4P-3	ON	OFF	ON
4P-4	(ON)	OFF	(ON)
4P-5	ON	OFF	(ON)
Term. Comm.	2-3,5-6 8-9 11-12	OPEN	2-1,5-4 8-7 11-10

Model No.	Switching Position		
4P-6	ON	ON	ON
4P-7	(ON)	ON	(ON)
4P-8	ON	ON	(ON)
4P-9	OFF	ON	(ON)
Term. Comm.	2-3,5-6 8-9 11-12	2-3,5-4 8-9 11-10	2-1,5-4 8-7 11-10

Schematic



WIRING FOR ON-ON-ON (3-WAY) FUNCTION



ACTUATOR OPTIONS

T1 	T2 	T3 	T4 	T5 																					
T6 	T7 P7 ANTI-ROTATION 	T8 P8 ANTI-ROTATION 	T9 PLASTIC 	<table border="1"> <tr> <th>NO.</th> <th>COLOR</th> </tr> <tr> <td>1</td> <td>White</td> </tr> <tr> <td>2</td> <td>Black(std.)</td> </tr> <tr> <td>3</td> <td>Red</td> </tr> <tr> <td>4</td> <td>Orange</td> </tr> <tr> <td>5</td> <td>Yellow</td> </tr> <tr> <td>6</td> <td>Green</td> </tr> <tr> <td>7</td> <td>Blue</td> </tr> <tr> <td>8</td> <td>Brown</td> </tr> <tr> <td>9</td> <td>Gray</td> </tr> </table>	NO.	COLOR	1	White	2	Black(std.)	3	Red	4	Orange	5	Yellow	6	Green	7	Blue	8	Brown	9	Gray	T0
NO.	COLOR																								
1	White																								
2	Black(std.)																								
3	Red																								
4	Orange																								
5	Yellow																								
6	Green																								
7	Blue																								
8	Brown																								
9	Gray																								
LOCKING LEVER TA FOR SP-1,DP-1 3P-1,4P-1 ONLY	LOCKING LEVER TI FOR SP-1,DP-1 3P-1,4P-1 ONLY	LOCKING LEVER TL FOR SP-1,DP-1 3P-1,4P-1 ONLY	LOCKING LEVER TL FOR SP-3,DP-3 3P-3,4P-3 ONLY	LOCKING LEVER TL FOR SP-3,DP-3 3P-3,4P-3 ONLY																					

* T6 must configure with a stand-off bushing.

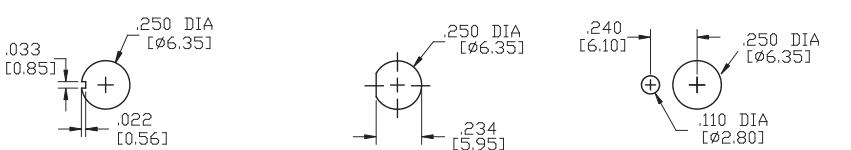
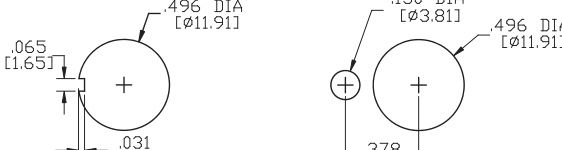
* Actuator length shown for T1 ~ T5 and T9 ~ T0 is with B1 bushing.

* For T7,P7,T8,P8 bushing code is not required.

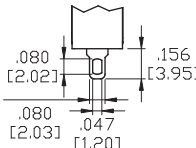
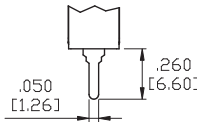
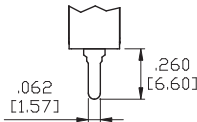
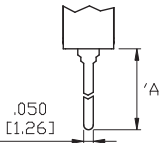
BUSHING OPTIONS

B1 THD B2 NON-THD Technical drawing of a bushing. Dimensions: .039 [1.00], .240 DIA [ø6.10], .024 [0.60], 1/4-40UNS, .354 [9.00].	B3 THD B4 NON-THD Technical drawing of a bushing. Dimensions: .039 [1.00], .244 DIA [ø6.20], .026 [0.65], 1/4-40UNS, .280 [7.10].	B5 HIGH TORQUE Technical drawing of a bushing. Dimensions: .315 DIA [ø8.00], .244 DIA [ø6.20], .224 5.70, 1/4-40UNS, .295 [7.50], .039 [1.00]. Note: Mfg. Option Relief or Imperf. Thd.	B6 HIGH TORQUE Technical drawing of a bushing. Dimensions: .315 DIA [ø8.00], .244 DIA [ø6.20], .039 [1.00], .028 [0.70], 1/4-40UNS, .315 [8.00], .039 [1.00]. Note: Mfg. Option Relief or Imperf. Thd.
B7 LONG Technical drawing of a bushing. Dimensions: .315 DIA [ø8.00], .244 DIA [ø6.20], .224 5.70, 1/4-40UNS, .378 [9.60], .039 [1.00]. Note: Mfg. Option Relief or Imperf. Thd.	B8 METRIC Technical drawing of a bushing. Dimensions: .315 DIA [ø8.00], .232 DIA [ø5.90], .039 [1.00], .024 [0.60], M6P 0.75 THD, .354 [9.00], .039 [1.00].	B9 SPLASH-PROOF Technical drawing of a bushing. Dimensions: .465 DIA [ø11.80], .221 [5.60], .295 [7.50], .059 [1.50], 1/4-40UNS, .028 [0.70]. Note: SEALS.	BL LOCKING LEVER Technical drawing of a bushing. Dimensions: .059 [1.50], .378 [9.60]. Note: ON-ON model, ON-OFF-ON & ON-ON-ON model.
BA THD For T6 Technical drawing of a bushing. Dimensions: 1/4-40UNS, .240 DIA [ø6.10], .315 [8.00], .059 [1.50].	BB NON-THD For T6 Technical drawing of a bushing. Dimensions: .240 DIA [ø6.10], .315 [8.00], .059 [1.50].	BE HIGH TORQUE For T6 Technical drawing of a bushing. Dimensions: 1/4-40UNS, .240 DIA [ø6.10], .315 [8.00], .059 [1.50].	

PANEL MOUNTING

1/4 INCH BUSHING 	15/32 INCH BUSHING 
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TERMINATION OPTIONS

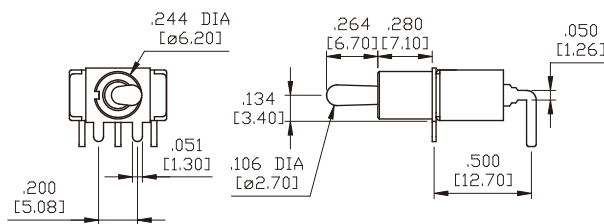
M1 STD. SOLDER LUG  THK .030 [0.75]	M2 PC THRU-HOLE  THK .030 [0.75]	M3 QUICK CONNECT  THK .030 [0.75]	M5 WIRE WRAP  <table><tr><th>OPTION CODE</th><th>DIM.'A'</th></tr><tr><td>M5-1</td><td>.750 [19.05]</td></tr><tr><td>M5-2</td><td>.964 [24.48]</td></tr><tr><td>M5-3</td><td>.425 [10.80]</td></tr><tr><td>M5-4</td><td>1.062 [26.97]</td></tr></table>	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]
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]												

TERMINATION OPTIONS

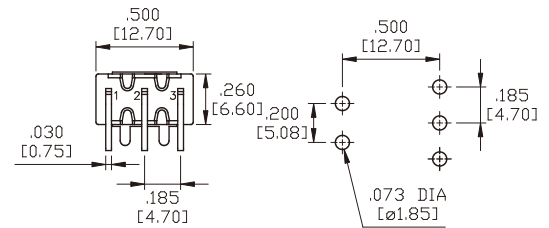
M6



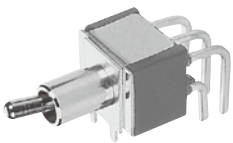
SPDT



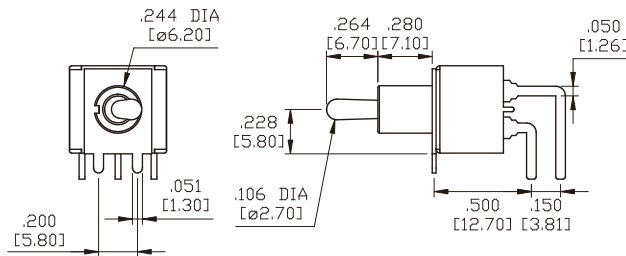
P.C.MOUNTING



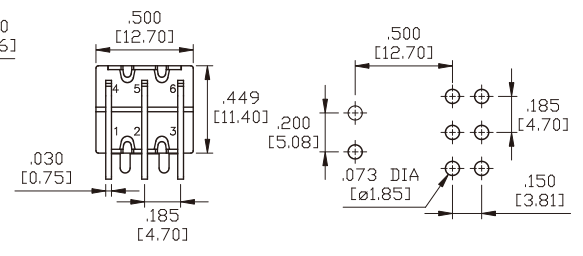
M6



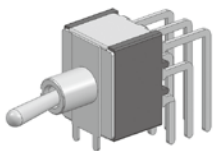
DPDT



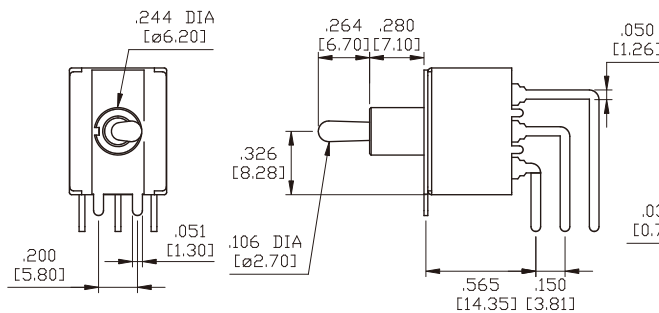
P.C.MOUNTING



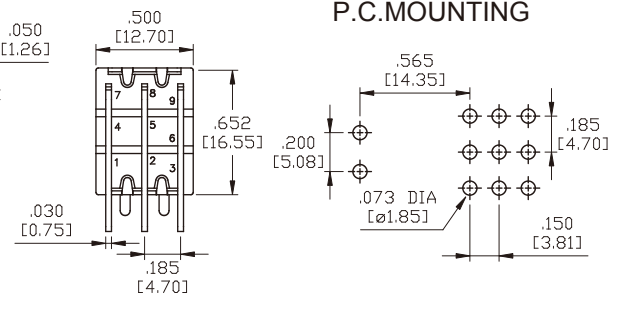
M6



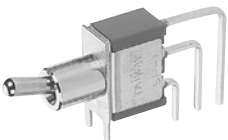
3PDT



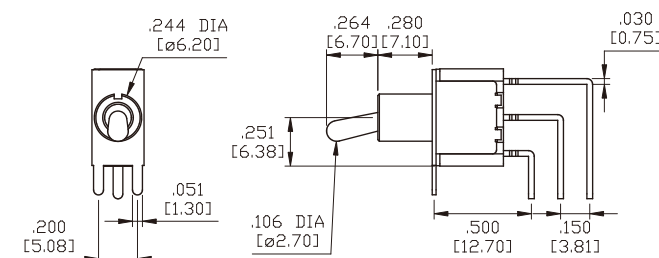
P.C.MOUNTING



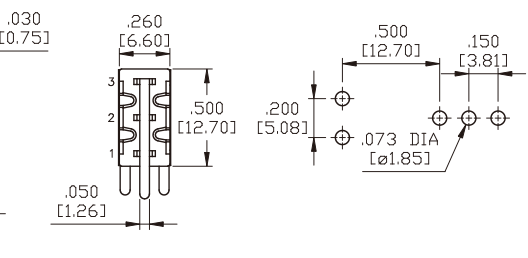
M7



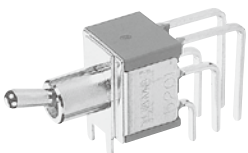
SPDT



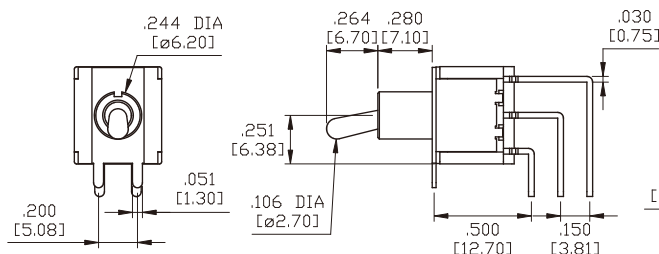
P.C.MOUNTING



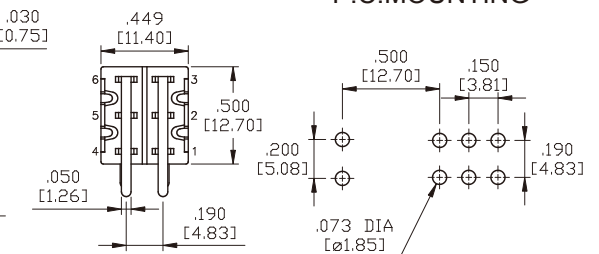
M7



DPDT

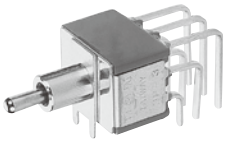


P.C.MOUNTING

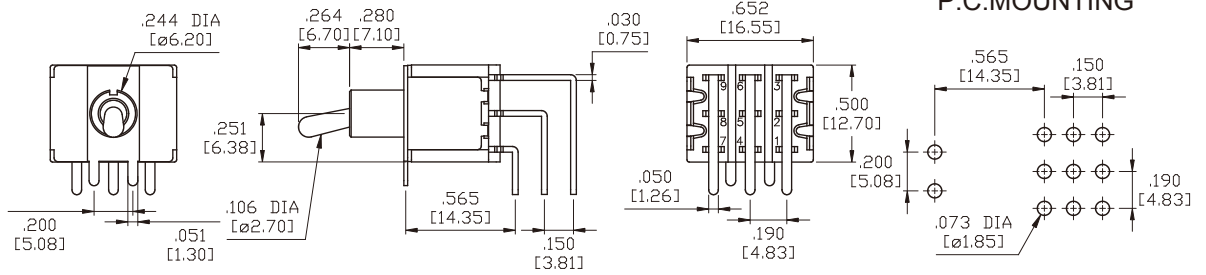


TERMINATION OPTIONS

M7

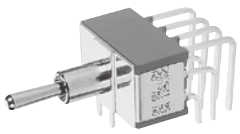


3PDT

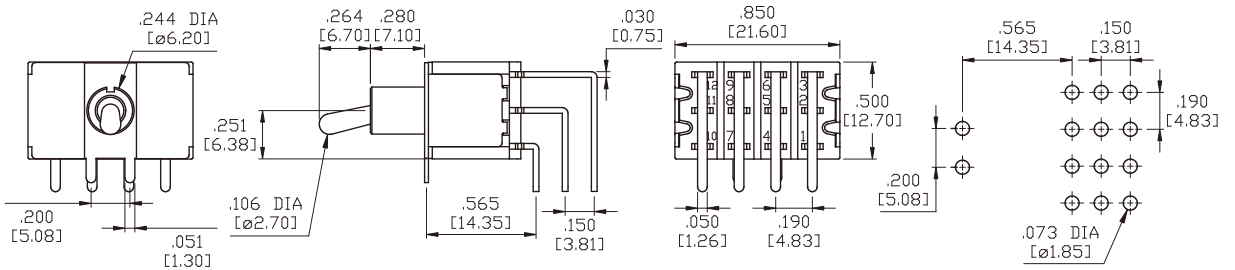


P.C.MOUNTING

M7

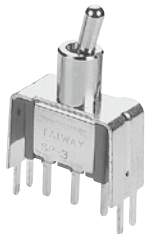


4PDT

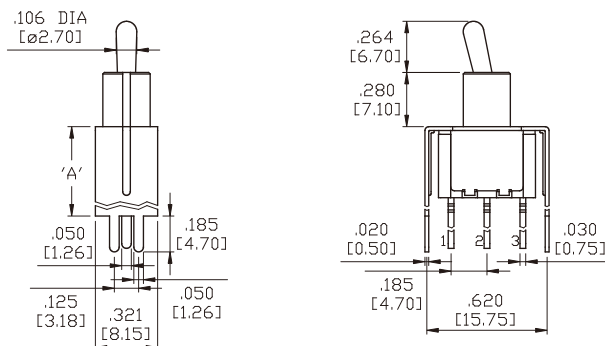


P.C.MOUNTING

VS2-VS3



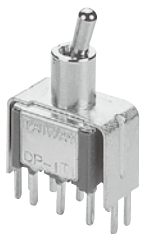
SPDT



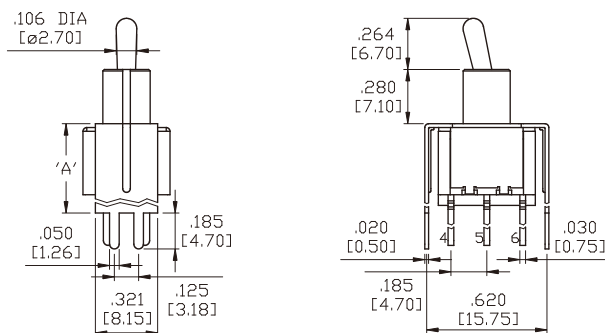
P.C.MOUNTING

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

VS2-VS3



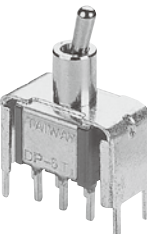
DPDT



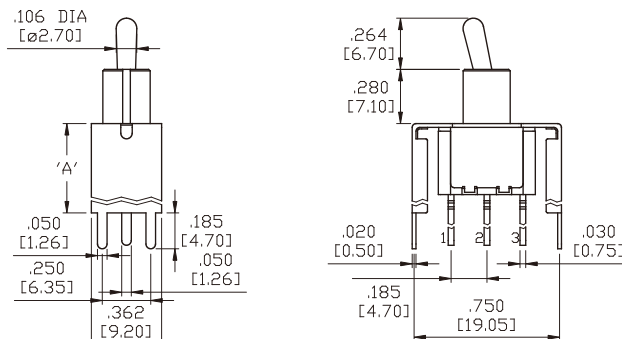
P.C.MOUNTING

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

VS4-VS5



SPDT

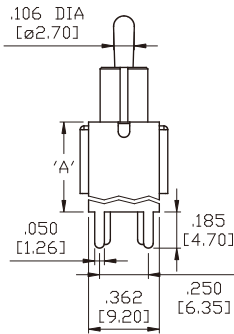


P.C.MOUNTING

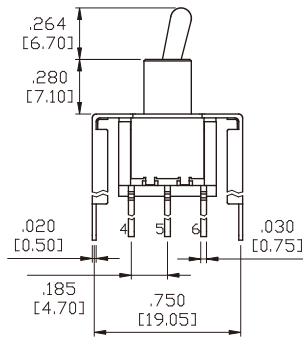
OPTION CODE	DIM.'A'
VS4	.461 [11.70]
VS5	.630 [16.00]

TERMINATION OPTIONS

VS4-VS5

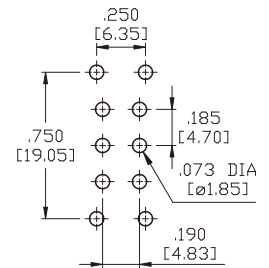


DPDT



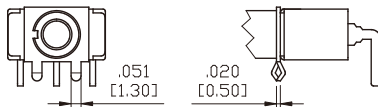
OPTION CODE	DIM.'A'
VS4	.461 [11.70]
VS5	.630 [16.00]

P.C.MOUNTING

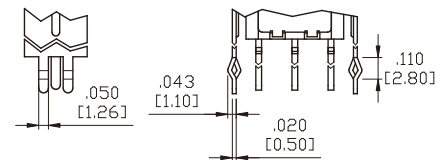


SNAP-IN TERMINATION OPTIONS

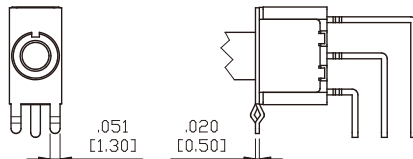
M61 (AVAILABLE WITH SPDT AND DPDT)



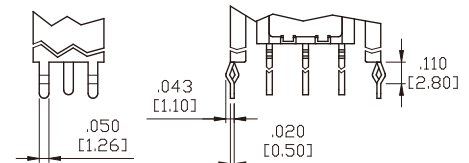
VS21,VS31



M71 (AVAILABLE WITH SPDT AND DPDT)



VS41,VS51

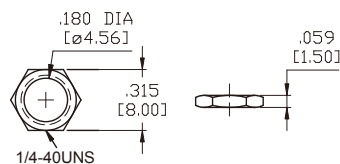


* PC Mounting for M61,M71,VS21,VS31,VS41,VS51 refer to M6,M7,VS2,VS3,VS4,VS5 respectively.

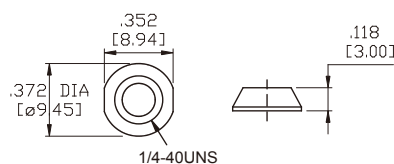
HARDWARE

NUT

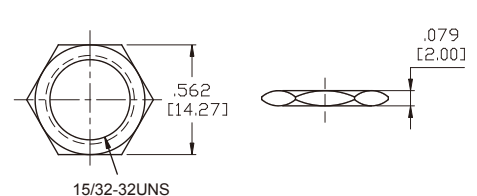
STD. HDW2



DRESS NUT HDW3

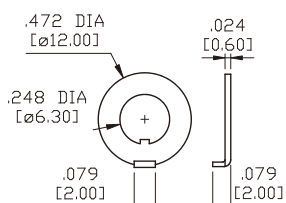


HDW4 - FOR T7,T8 ONLY

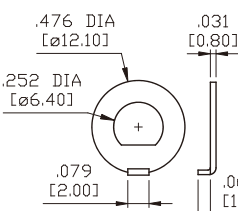


LOCKING RING

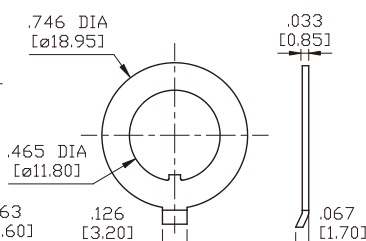
STD. HDW15



STD. HDW16

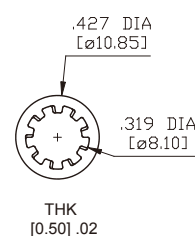


HDW17 - FOR T7,T8 ONLY

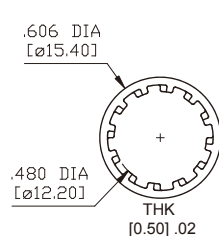


LOCK WASHER

STD. HDW11



HDW12 - FOR T7,T8 ONLY



TOGGLE CAPS

T1 ACTUATOR CAP



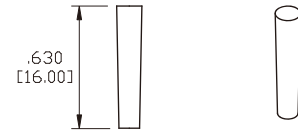
* MATERIAL: PVC.

T2 ACTUATOR CAP



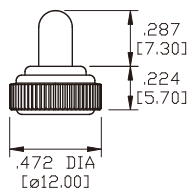
* MATERIAL: PVC.

T9 ACTUATOR GLOSS PLASTIC



* MATERIAL: ABS.

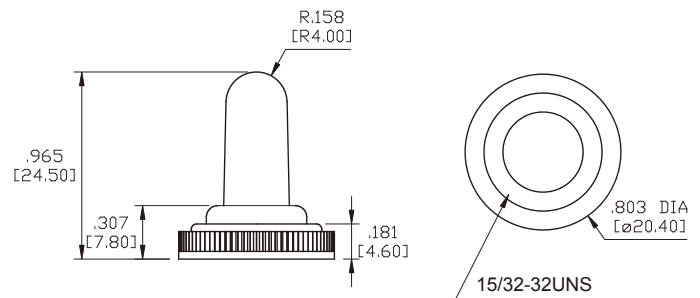
E1 RUBBER HOOD



E1=INCH (STD.)
 E1A=INCH WITH INTERNAL-ORING SEALED
 K1=METRIC M6P0.75 THD (For B8 bushing only)

* FOR T1 ACTUATOR ONLY.

YE1A06 RUBBER HOOD



* FOR T8 ACTUATOR ONLY.

CONTACT MATERIAL OPTIONS

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

1. Movable Contact / Terminals: Copper alloy, 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. Terminal Contact: Gold plated over nickel plated.
7. Terminal Contact: Palladium nickel alloy (or Silver) plated.

* P, K not available with M1 and M3 terminals

* 6Amps (Movable Contact: coin silver, silver plated) available to model ON-NONE-ON without UL approval