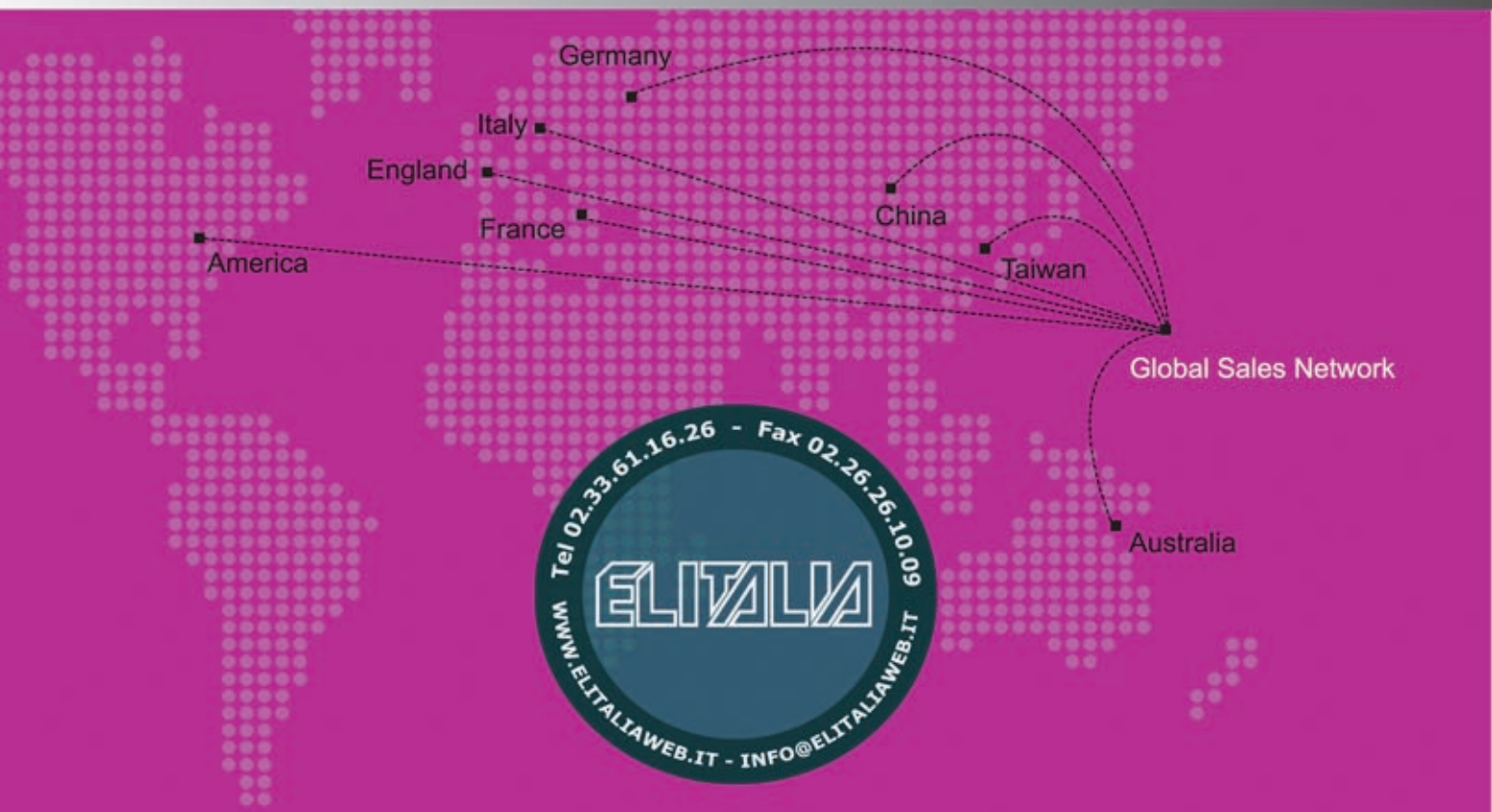




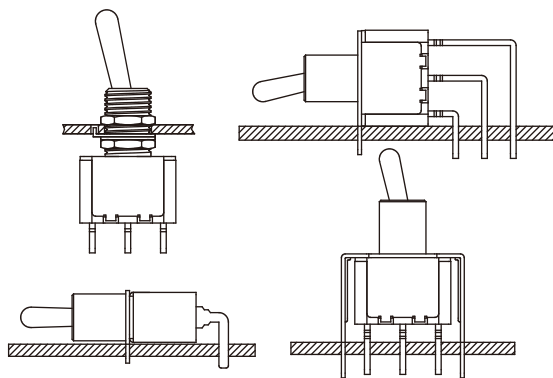
TAIWAY | **Turn on the world**

TOGGLE SWITCH CATALOG part 1

IECQ QC 080000 / ISO 9001 / 14001



TAIWAY Since 1976



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
100mA for both silver and gold plated contacts.
INSULATION RESISTANCE: 1,000MΩ min.
DIELECTRIC STRENGTH: 1,500V RMS @ sea level.
OPERATING TEMPERATURE: -30°C to +85°C

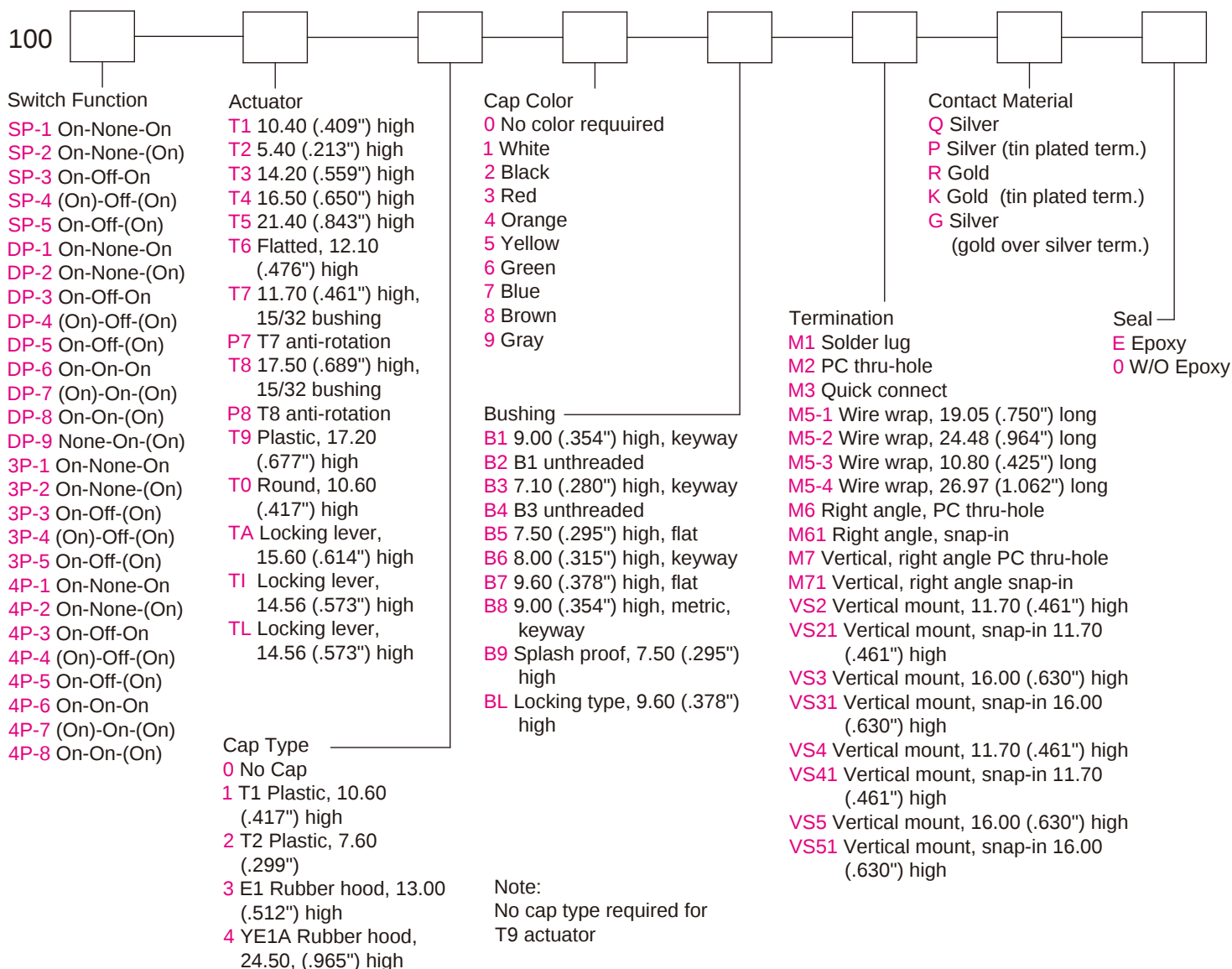
MATERIALS:

CASE: Diallyl phthalate(DAP)(UL 94V-0)
TOGGLE HANDLE: Brass, chrome plated.
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



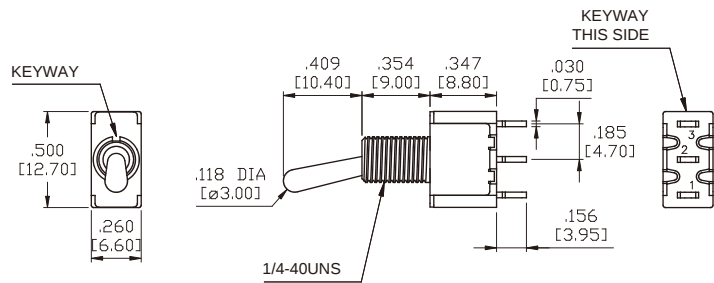
SPDT



Model No.	Switching Position		
SP-1	ON	NONE	ON
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

2Comm.



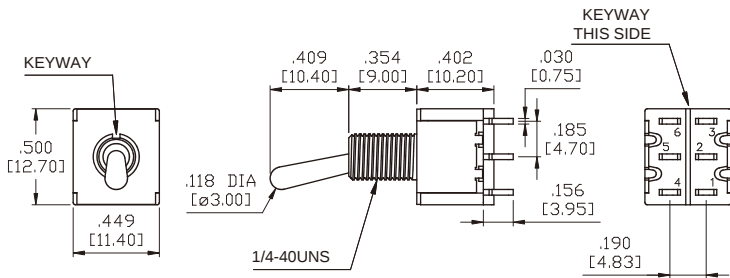
DPDT



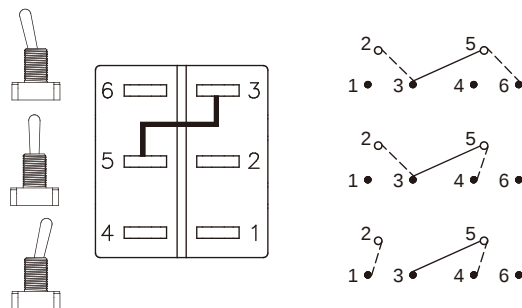
Model No.	Switching Position		
DP-1	ON	NONE	ON
DP-2	ON	NONE	(ON)
DP-3	ON	OFF	ON
DP-4	(ON)	OFF	(ON)
DP-5	ON	OFF	(ON)
Term. Comm.	2-3,5-6	OPEN	2-1,5-4

Schematic

2Comm. 5Comm.



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



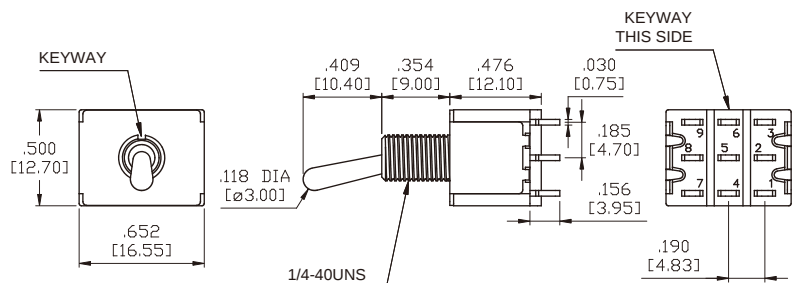
3PDT



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

2Comm. 5Comm. 8Comm.



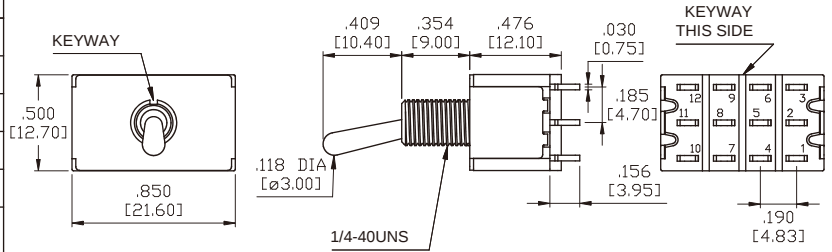
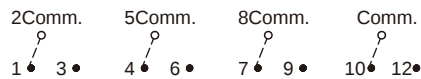
4PDT



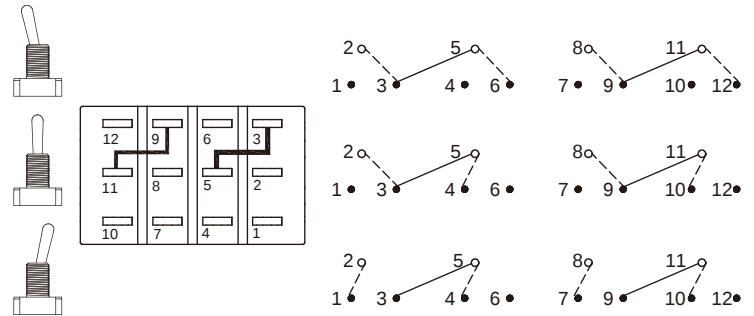
Model No.	Switching Position		
4P-1	ON	NONE	ON
4P-2	ON	NONE	(ON)
4P-3	ON	OFF	ON
4P-4	(ON)	OFF	(ON)
4P-5	ON	OFF	(ON)
Term. Comm.	2-3,5-6 8-9 11-12	OPEN	2-1,5-4 8-7 11-10

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

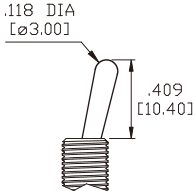
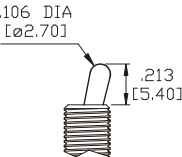
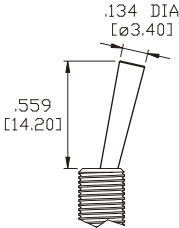
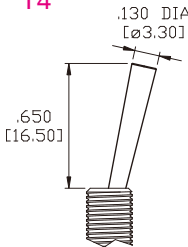
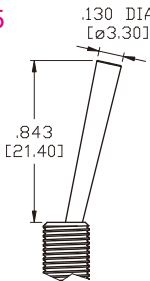
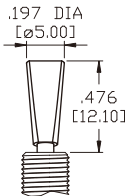
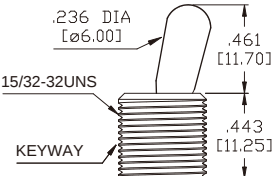
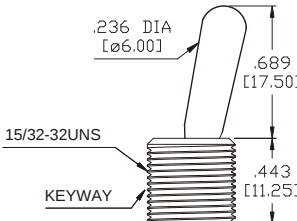
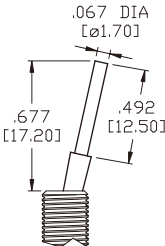
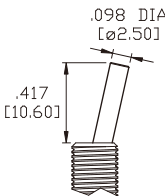
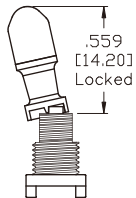
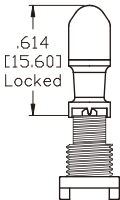
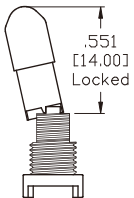
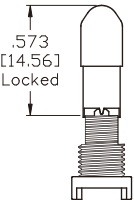
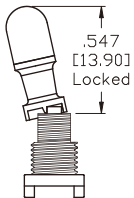
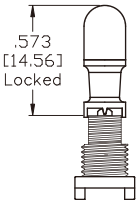
Schematic



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><tr><td>NO.</td><td>COLOR</td></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  FOR SP-3,DP-3 3P-3,4P-3 ONLY		LOCKING LEVER TI  FOR SP-1,DP-1 3P-1,4P-1 ONLY  FOR SP-3,DP-3 3P-3,4P-3 ONLY		LOCKING LEVER TL  FOR SP-1,DP-1 3P-1,4P-1 ONLY  FOR SP-3,DP-3 3P-3,4P-3 ONLY																				

* T6 must configure with a stand-off bushing.

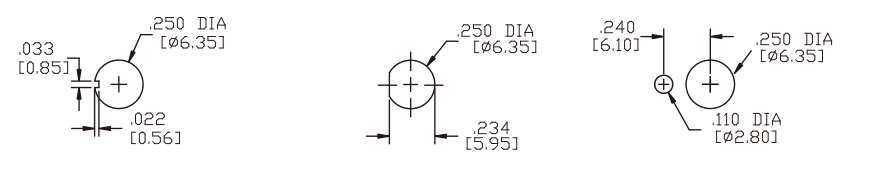
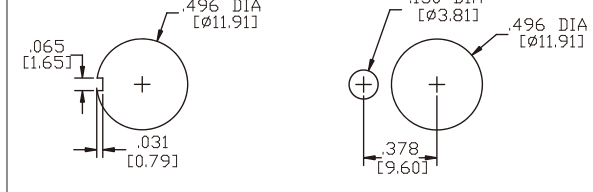
* Actuator length shown for T1 ~ T5 and T9 ~ T0 is with B1 bushing.

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

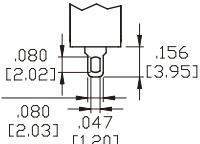
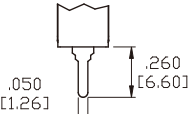
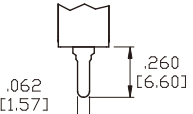
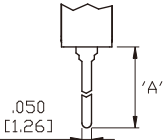
BUSHING OPTIONS

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

PANEL MOUNTING

1/4 INCH BUSHING 	15/32 INCH BUSHING 
---	---

TERMINATION OPTIONS

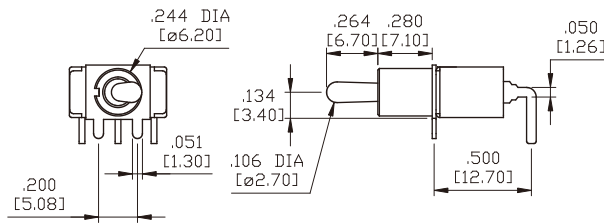
M1 STD. SOLDER LUG  THK .030 [0.75]	M2 PC THRU-HOLE  THK .030 [0.75]	M3 QUICK CONNECT  THK .030 [0.75]	M5 WIRE WRAP  <table><tr><th>OPTION CODE</th><th>DIM.'A'</th></tr><tr><td>M5-1</td><td>.750 [19.05]</td></tr><tr><td>M5-2</td><td>.964 [24.48]</td></tr><tr><td>M5-3</td><td>.425 [10.80]</td></tr><tr>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

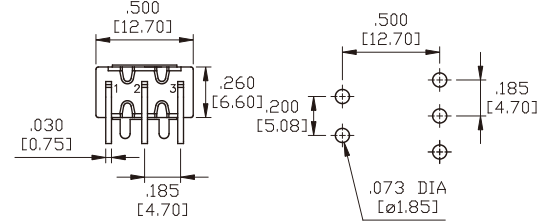
M6



SPDT



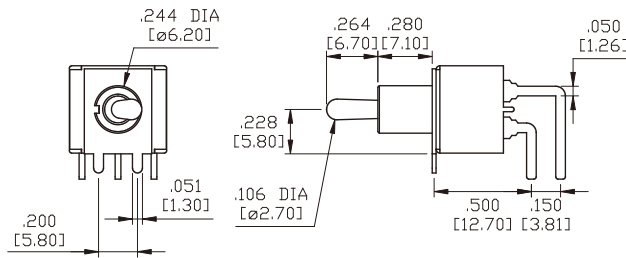
P.C.MOUNTING



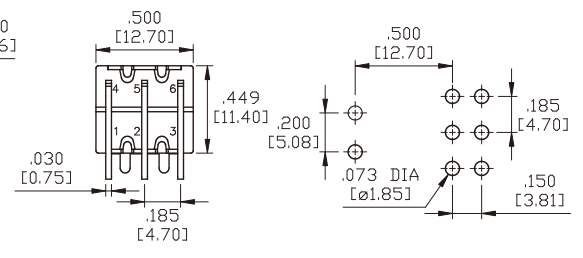
M6



DPDT



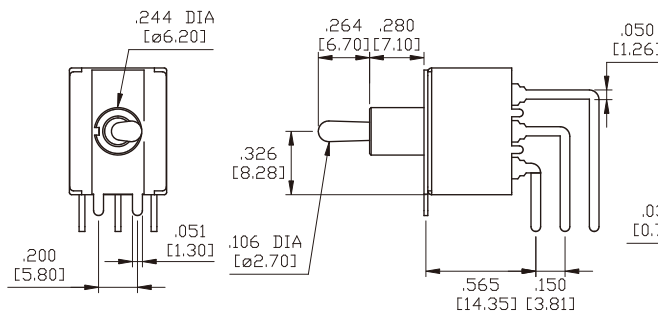
P.C.MOUNTING



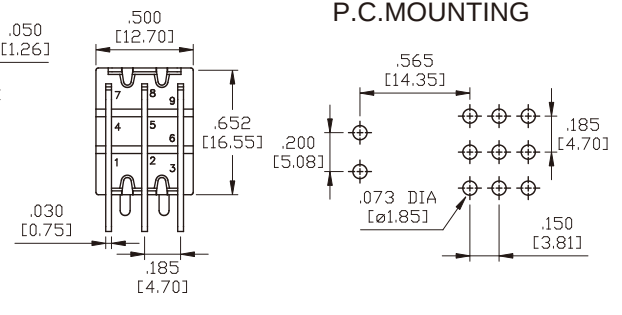
M6



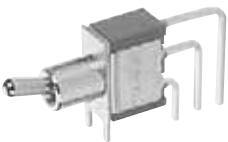
3PDT



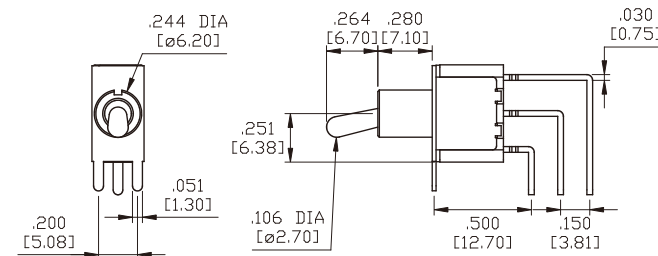
P.C.MOUNTING



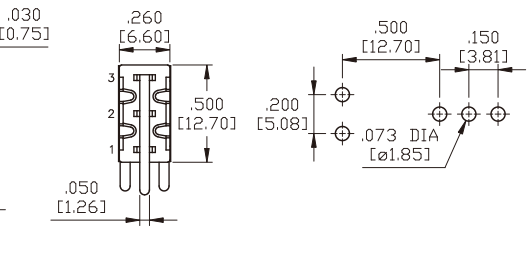
M7



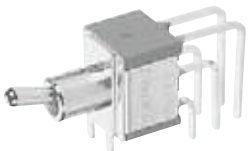
SPDT



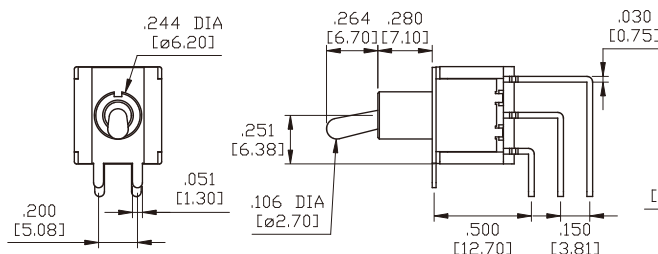
P.C.MOUNTING



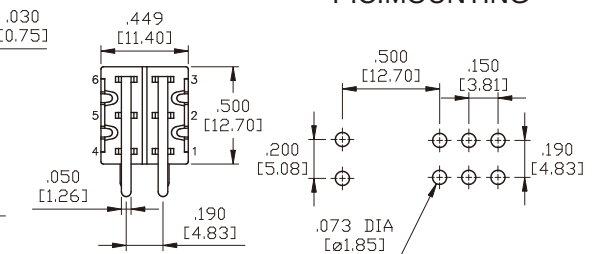
M7



DPDT



P.C.MOUNTING



Toggle

Rocker

Slide

Pushbutton

AV

Rotary

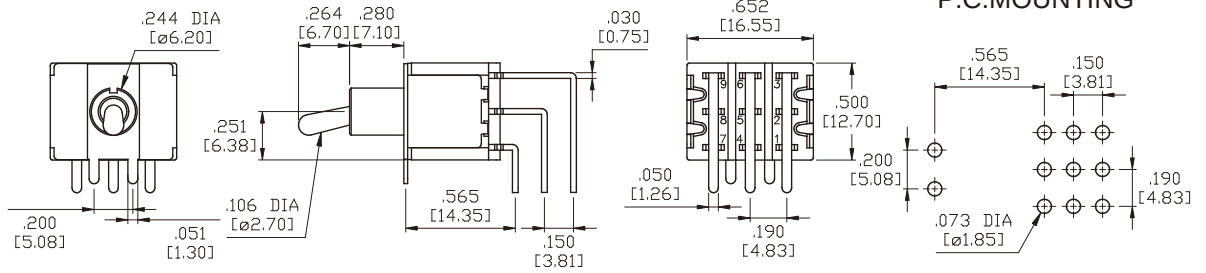
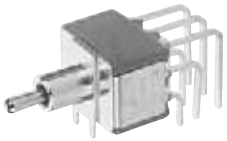
Tact

Touch Key

Miscellaneous

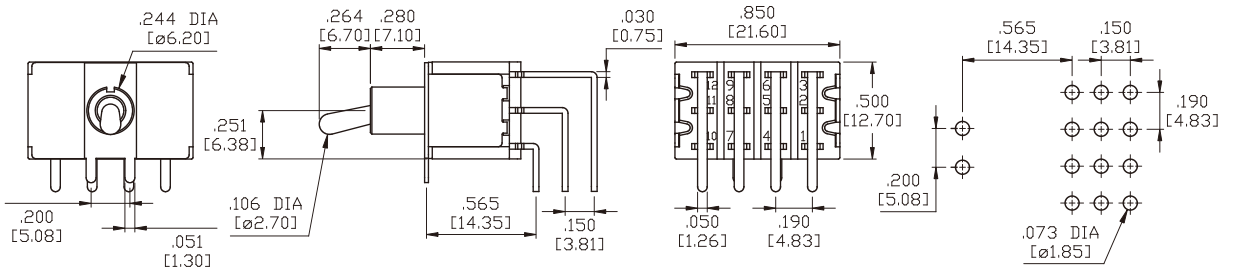
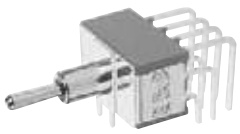
TERMINATION OPTIONS

M7



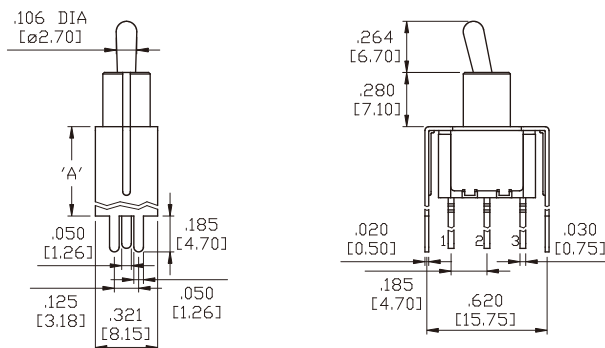
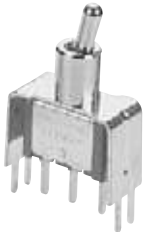
3PDT

M7



4PDT

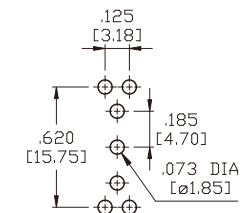
VS2-VS3



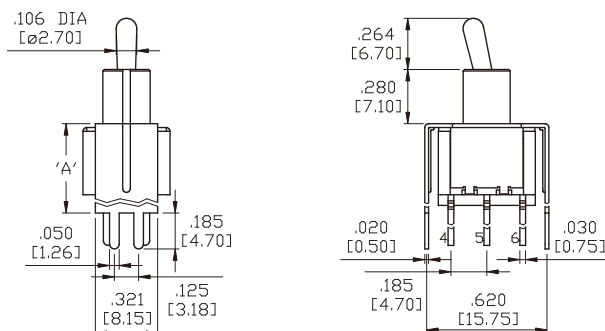
SPDT

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

P.C. MOUNTING



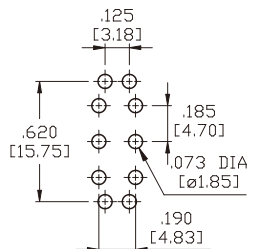
VS2-VS3



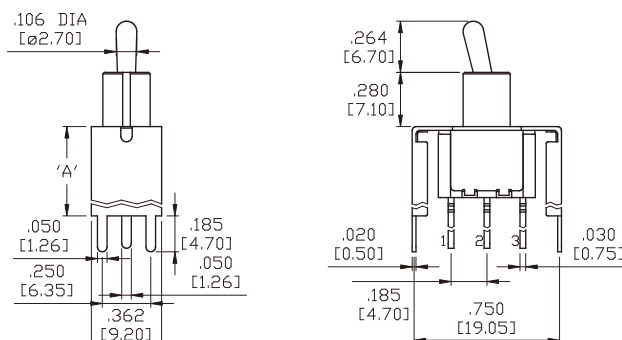
DPDT

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

P.C. MOUNTING



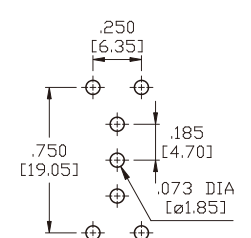
VS4-VS5



SPDT

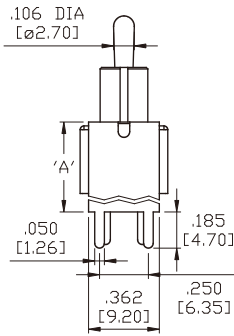
OPTION CODE	DIM.'A'
VS4	.461 [11.70]
VS5	.630 [16.00]

P.C. MOUNTING

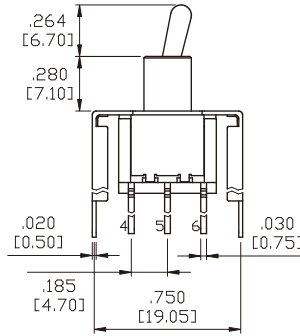


TERMINATION OPTIONS

VS4-VS5

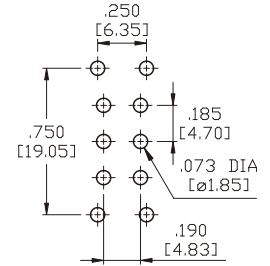


DPDT



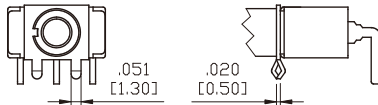
OPTION CODE	DIM.'A'
VS4	.461 [11.70]
VS5	.630 [16.00]

P.C.MOUNTING

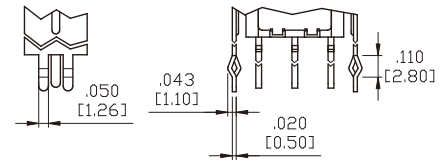


SNAP-IN TERMINATION OPTIONS

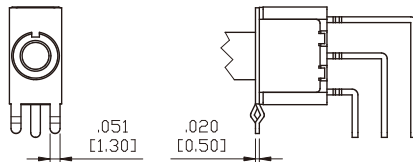
M61 (AVAILABLE WITH SPDT AND DPDT)



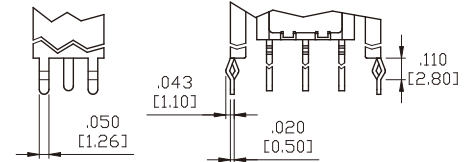
VS21,VS31



M71 (AVAILABLE WITH SPDT AND DPDT)



VS41,VS51

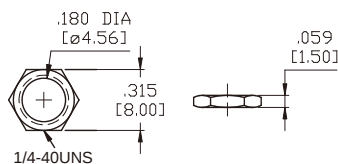


* PC Mounting for M61,M71,VS21,VS31,VS41,VS51 refer to M6,M7,VS2,VS3,VS4,VS5 respectively.

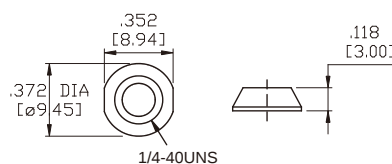
HARDWARE

NUT

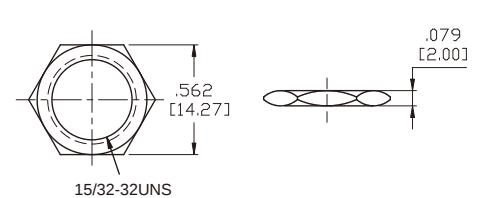
STD. HDW2



DRESS NUT HDW3

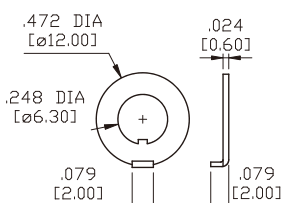


HDW4 - FOR T7,T8 ONLY

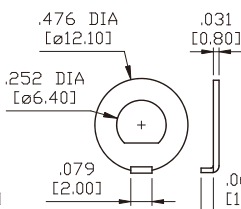


LOCKING RING

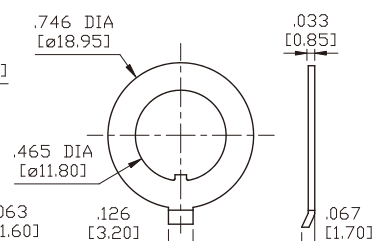
STD. HDW15



STD. HDW16

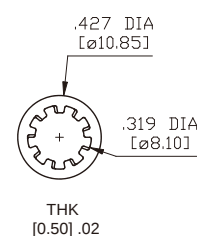


HDW17 - FOR T7,T8 ONLY

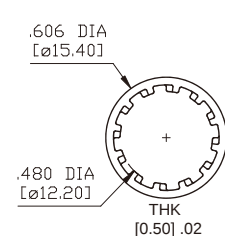


LOCK WASHER

STD. HDW11



HDW12 - FOR T7,T8 ONLY



TOGGLE CAPS

T1 ACTUATOR CAP



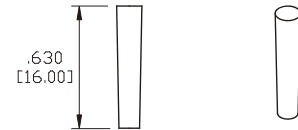
* MATERIAL: PVC.

T2 ACTUATOR CAP



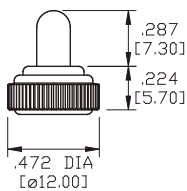
* MATERIAL: PVC.

T9 ACTUATOR GLOSS PLASTIC



* MATERIAL: ABS.

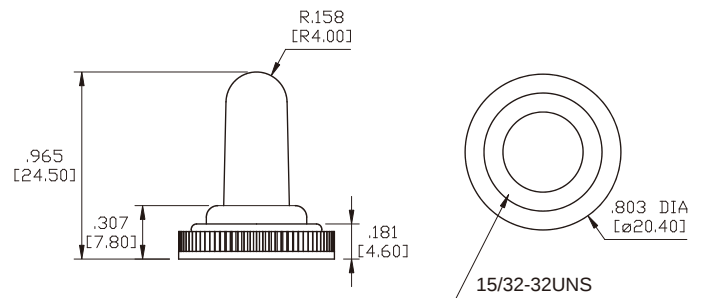
E1 RUBBER HOOD



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

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

100mA for both silver and gold plated contacts.

INSULATION RESISTANCE: 1,000MΩ Min.

DIELECTRIC STRENGTH: 1,500 V RMS @ sea level.

OPERATING TEMPERATURE: -30°C~+85°C.

MATERIALS:

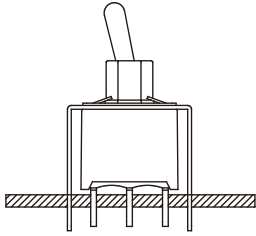
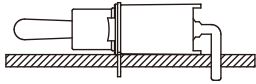
CASE & BUSHING: PA9T or FR52, flame retardant, heat stabilized (UL94V-0).

ACTUATOR: Brass chrome plated, internal o-ring sealed (100A).

ACTUATOR: Brass chrome plated (100C).

SWITCH SUPPORT: Brass, tin plated.

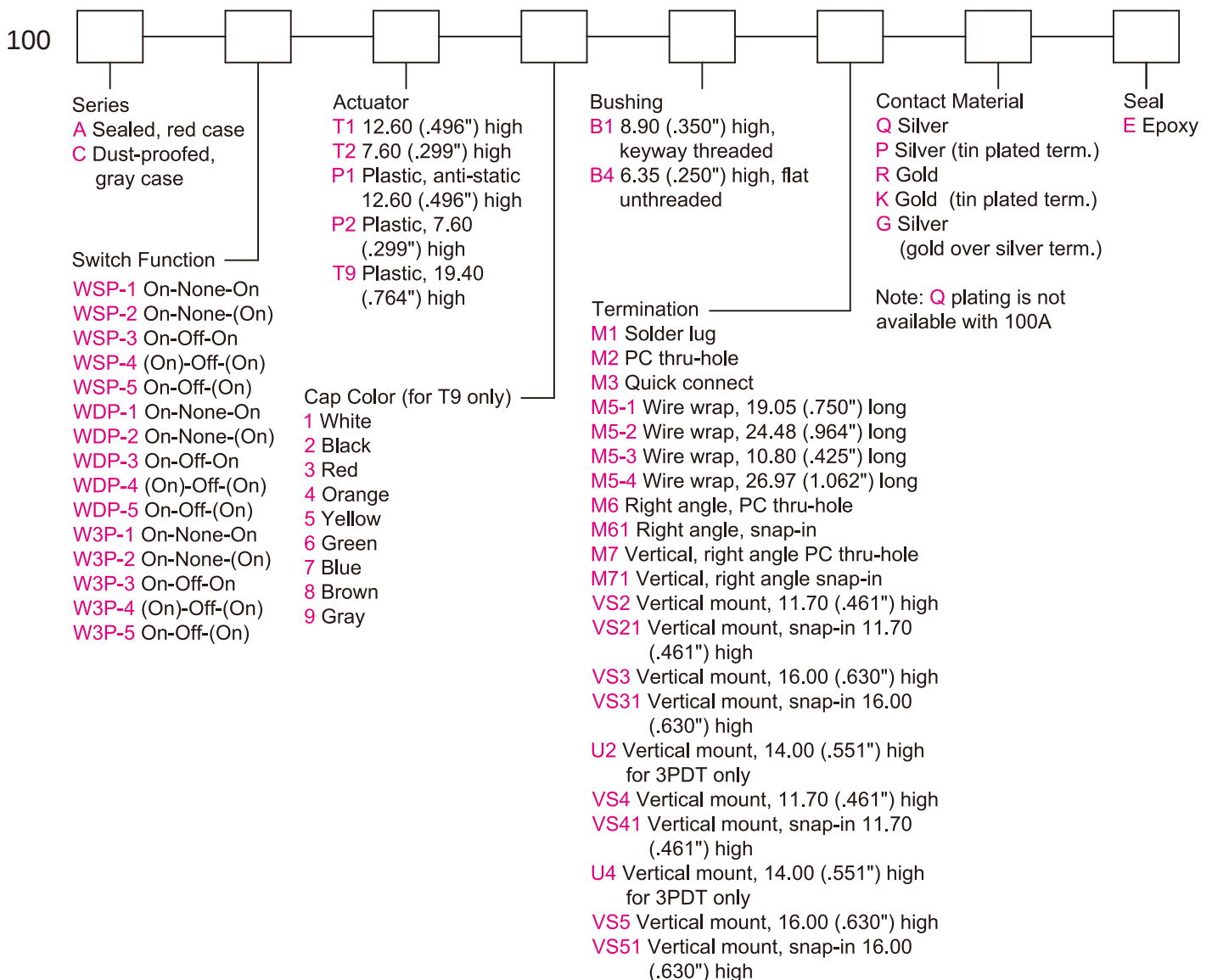
TERMINAL SEAL: Epoxy.



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



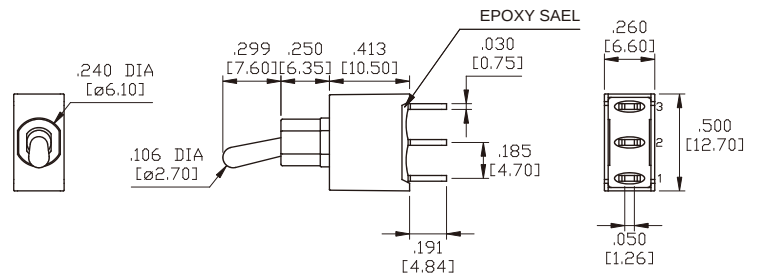
SPDT



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

Schematic

2Comm.



DPDT

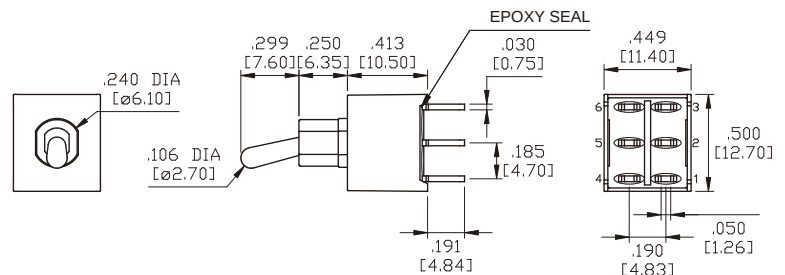


Model No.	Switching Position		
WDP-1	ON	NONE	ON
WDP-2	ON	NONE	(ON)
WDP-3	ON	OFF	ON
WDP-4	(ON)	OFF	(ON)
WDP-5	ON	OFF	(ON)
Term. Comm.	2-3,5-6	OPEN	2-1,5-4

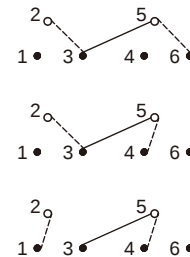
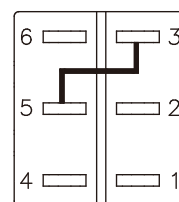
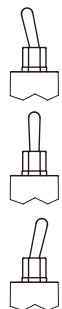
Schematic

2Comm.

5Comm.



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



3PDT



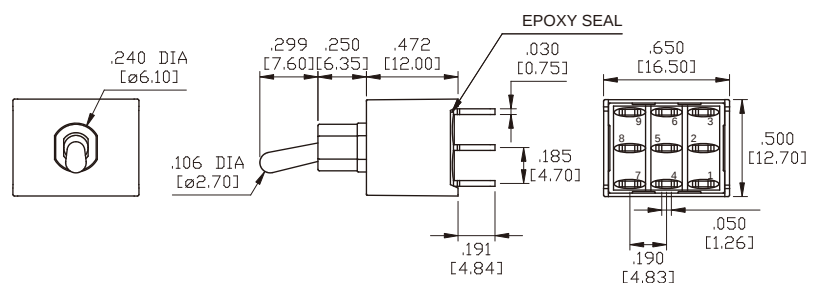
Model No.	Switching Position		
W3P-1	ON	NONE	ON
W3P-2	ON	NONE	(ON)
W3P-3	ON	OFF	ON
W3P-4	(ON)	OFF	(ON)
W3P-5	ON	OFF	(ON)
Term. Comm.	2-3,5-6 8-9	OPEN	2-1,5-4 8-7

Schematic

2Comm.

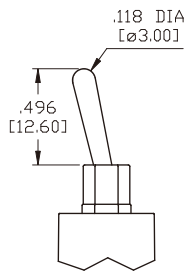
5Comm.

8Comm.

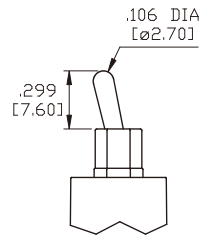


ACTUATOR OPTIONS

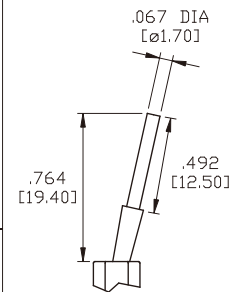
T1



T2

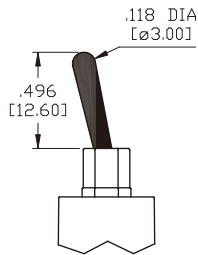


T9 WITH PLASTIC CAP

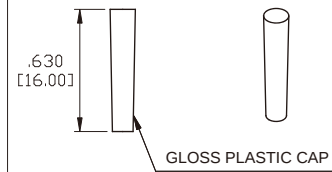
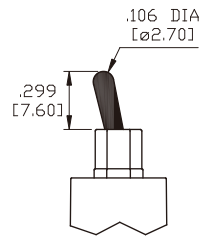


NO.	COLOR
1	White
2	Black(std.)
3	Red
4	Orange
5	Yellow
6	Green
7	Blue
8	Brown
9	Gray

P1 PLASTIC TOGGLE



P2 PLASTIC TOGGLE

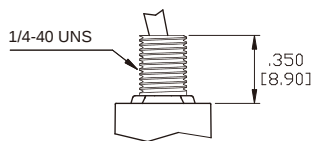


* Subtract 2.20mm (.087") from actuator height for B1 bushing

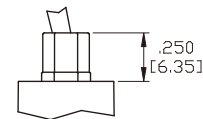
* Subtract 1.90mm (.075) from actuator height for B1 bushing

BUSHING OPTIONS

B1

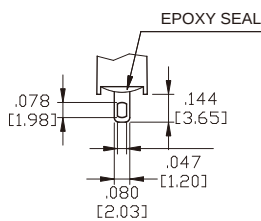


B4



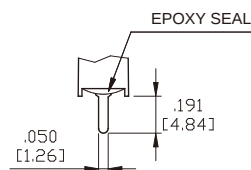
TERMINATION OPTIONS

M1 STD. SOLDER LUG



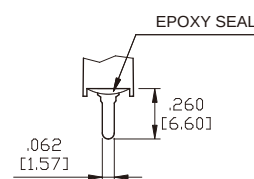
THK .030 [0.75]

M2 PC THRU-HOLE



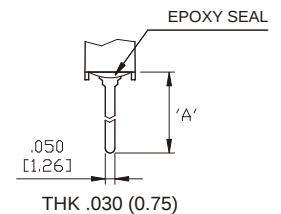
THK .030 [0.75]

M3 QUICK CONNECT



THK .030 [0.75]

M5 WIRE WRAP



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]

Toggle

Rocker

Slide

Pushbutton

AV

Rotary

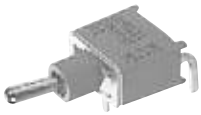
Tact

Touch Key

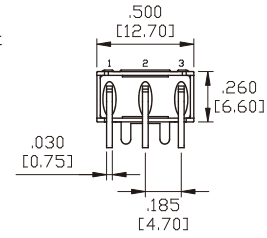
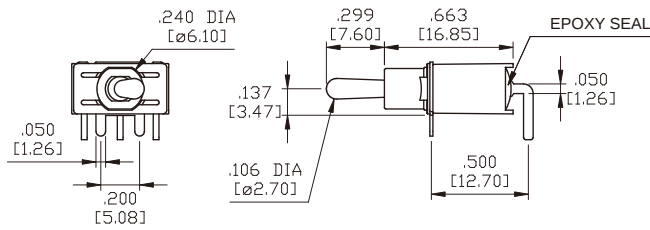
Miscellaneous

TERMINATION OPTIONS

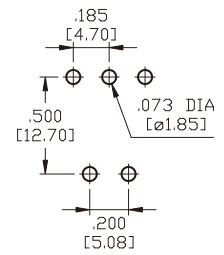
M6



SPDT



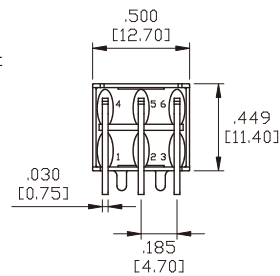
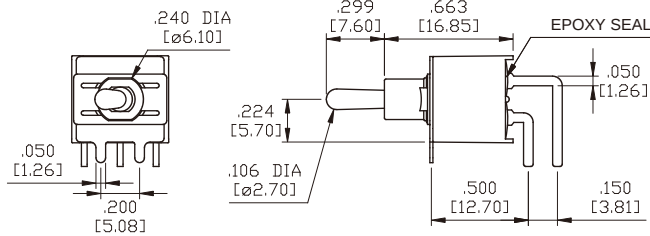
P.C.MOUNTING



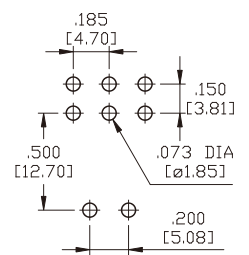
M6



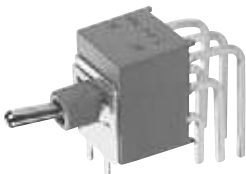
DPDT



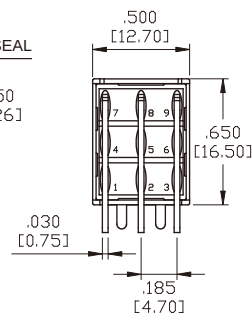
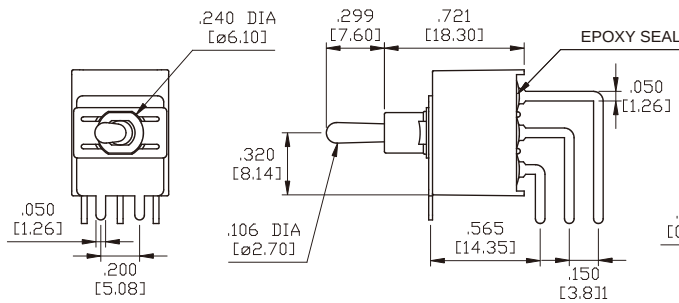
P.C.MOUNTING



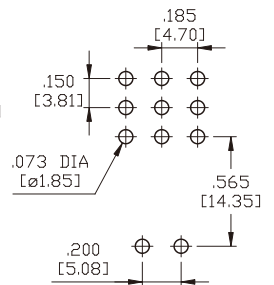
M6



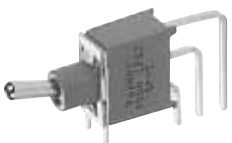
3PDT



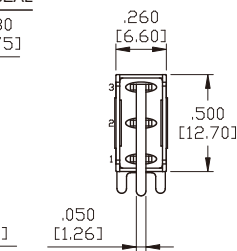
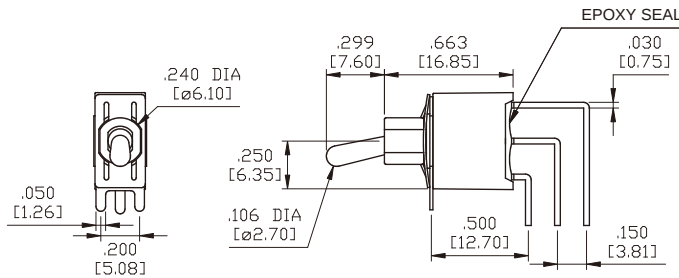
P.C.MOUNTING



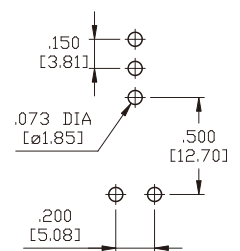
M7



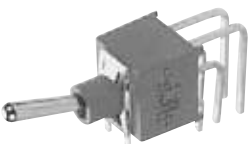
SPDT



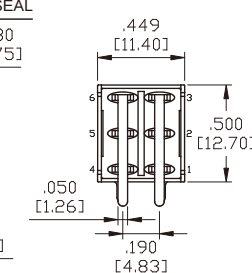
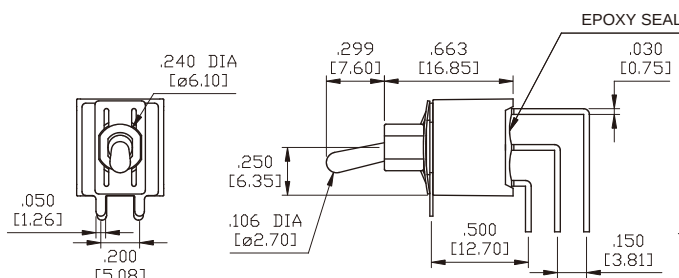
P.C.MOUNTING



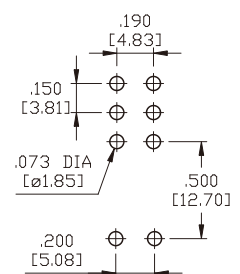
M7



DPDT



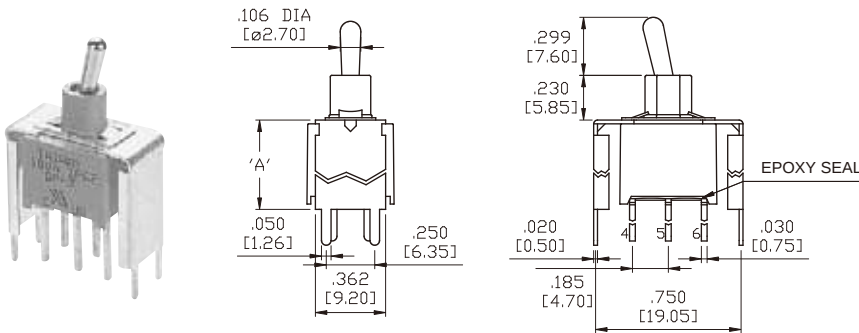
P.C.MOUNTING



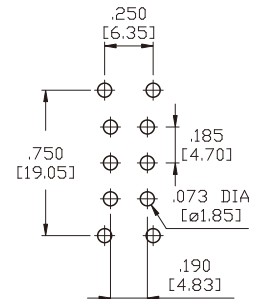
TERMINATION OPTIONS

VS4-VS5

P.C.MOUNTING



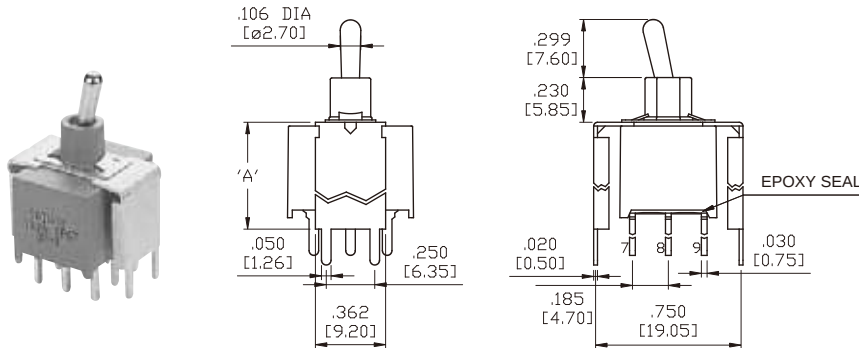
OPTION CODE	DIM.'A'
VS4	.461 [11.70]
VS5	.630 [16.00]



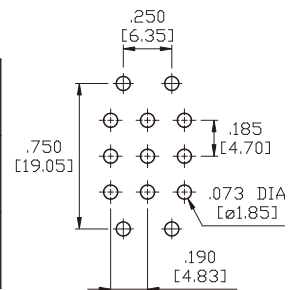
DPDT

U4-VS5

P.C.MOUNTING



OPTION CODE	DIM.'A'
U4	.551 [14.00]
VS5	.630 [16.00]

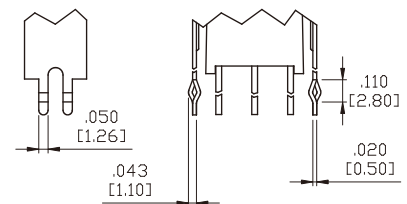
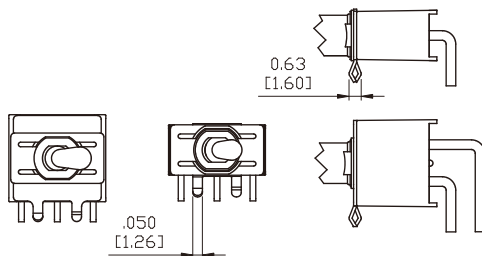


3PDT

SNAP-IN TERMINATION OPTIONS

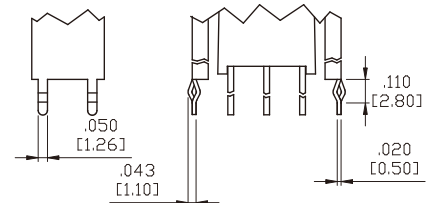
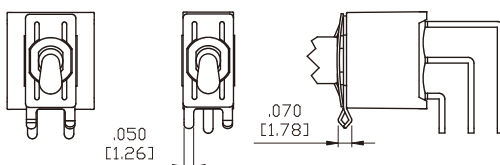
M61

VS21,VS31



M71

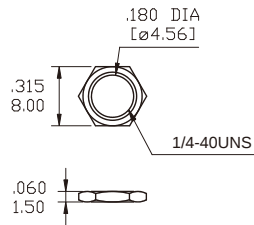
VS41,VS51



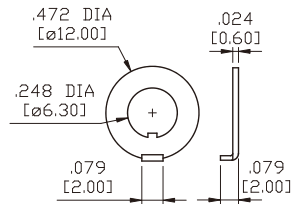
* PC Mounting for M61,M71,VS21,VS31,VS41,VS51 refer to M6,M7,VS2,VS3,VS4,VS5 respectively.

HARDWARE

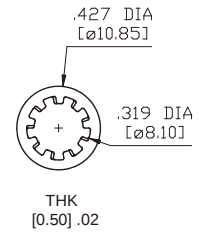
NUT



LOCKING RING



LOCK WASHER



* Nut, locking ring and lock washer supplied standard with threaded bushings.

* Consult us for optional nut, locking ring and lock washer styles.

CONTACT MATERIAL OPTIONS

Coding	Contact Material	Terminal Plating	Rating	Agency Approvals
G	Silver ¹	Gold over silver ³	5Amps @ 125VAC or 28VDC 2Amps @ 250VAC	 IP67
P		Tin plated ⁵ ₇		
R	Gold ²	Gold plated ⁴	0.4VA max @ 20V max (AC or DC)	IP67
K		Tin plated ⁵ ₆		

* Standard G plating for sealed product.

1. Movable Contact: 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

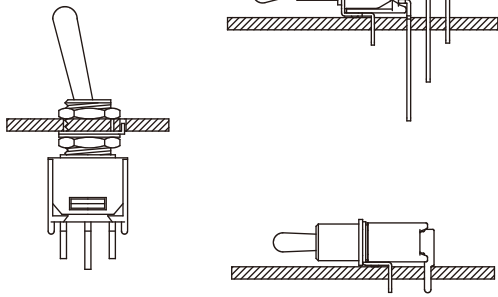
* IP67 protection for 100A series only.

SPECIFICATIONS:

CONTACT RATING: Refer to "Contact Material Options" for more info.
 ELECTRICAL LIFE: 30,000 make-and-break cycles at full load.
 CONTACT RESISTANCE: 20mΩ max. initial @2-4VDC
 100mA for both silver and gold plated contacts.
 INSULATION RESISTANCE: 1,000MΩ min.
 DIELECTRIC STRENGTH: 1,500V RMS @ sea level.
 OPERATING TEMPERATURE: -30°C to +85°C.

MATERIALS:

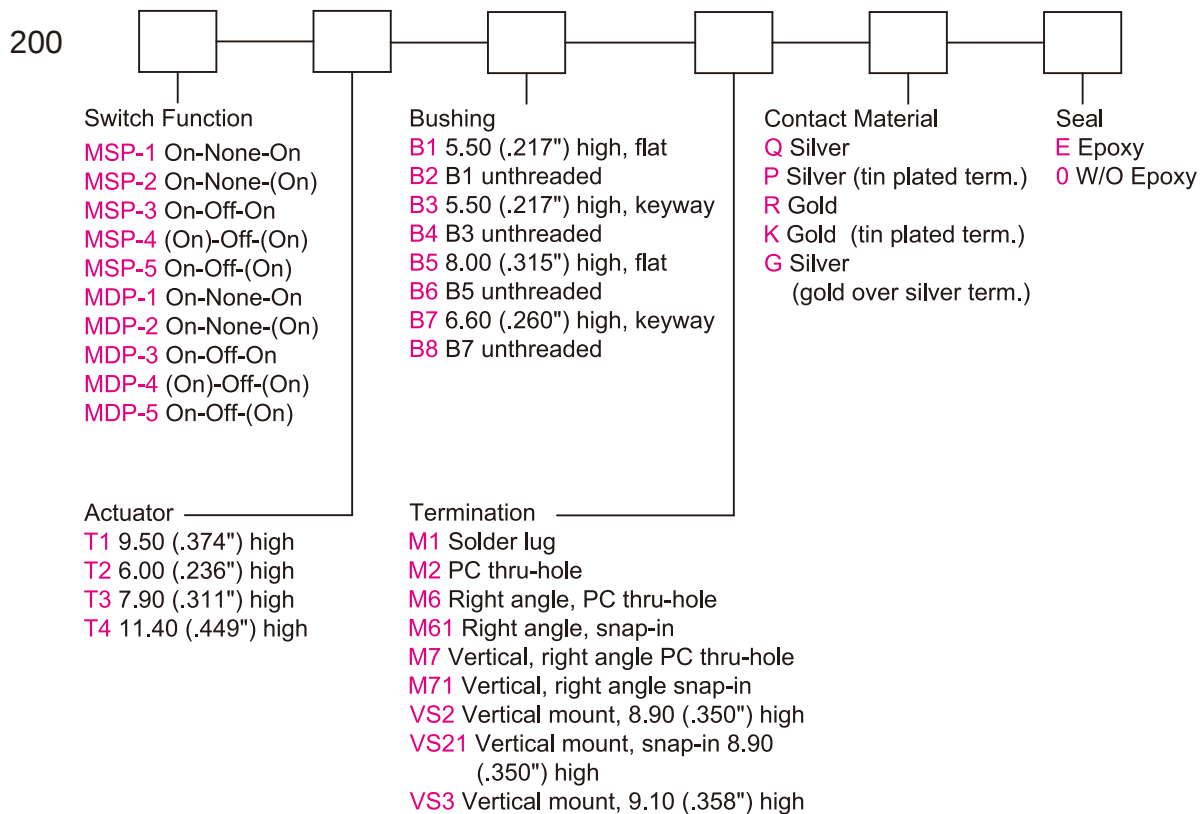
CASE: Diallyl phthalate (DAP)(UL 94V-0).
 TOGGLE HANDLE: Brass, chrome plated.
 BUSHING: Brass, nickel plated.
 HOUSING: Stainless steel.
 SWITCH SUPPORT: Brass, tin plated.
 TERMINAL SEAL: Epoxy.



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



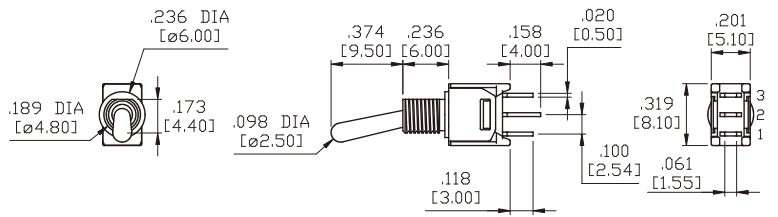
SPDT



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

Schematic

2Comm.



DPDT



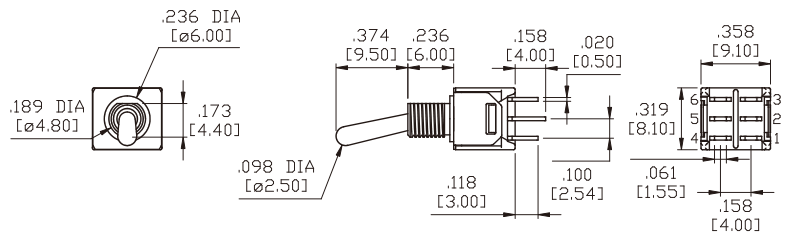
Model No.	Switching Position		
MDP-1	ON	NONE	ON
MDP-2	ON	NONE	(ON)
MDP-3	ON	OFF	ON
MDP-4	(ON)	OFF	(ON)
MDP-5	ON	OFF	(ON)
Term. Comm.	2-3,5-6	OPEN	2-1,5-4

Schematic

2Comm.

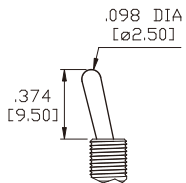


5Comm.

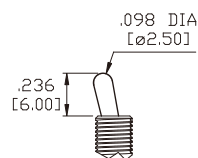


ACTUATOR OPTIONS

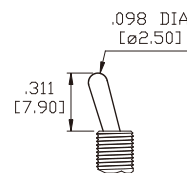
T1



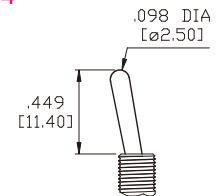
T2



T3



T4

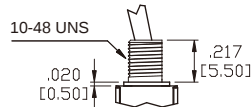
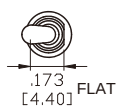


* Actuator length shown above is with B1 bushing M1 and M2 terminals.
* please consult us for detailed spec on specific item.

BUSHING OPTIONS

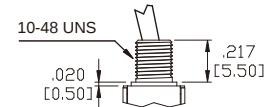
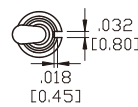
B1 THD

B2 NON-THD



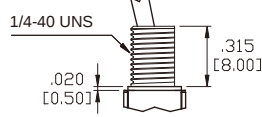
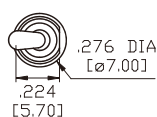
B3 THD

B4 NON-THD



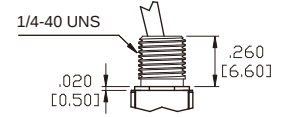
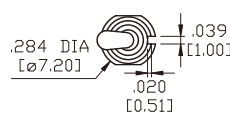
B5 THD

B6 NON-THD



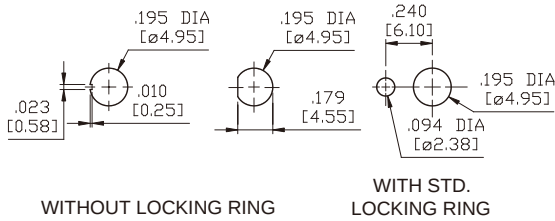
B7 THD

B8 NON-THD

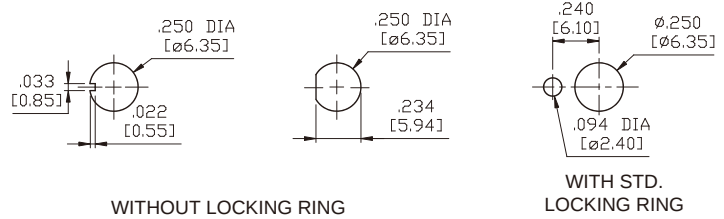


PANEL MOUNTING

10-48 INCH BUSHING

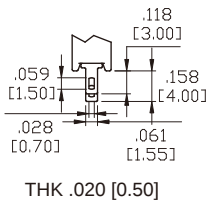


1/4 INCH BUSHING

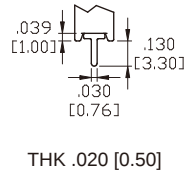


TERMINATION OPTIONS

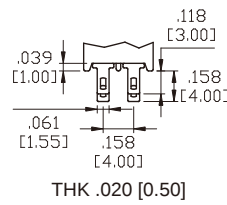
M1 STD. SOLDER LUG



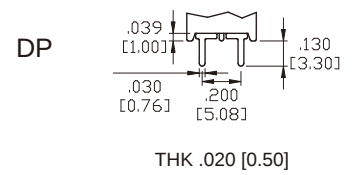
M2 PC THRU-HOLE



M1 STD. SOLDER LUG



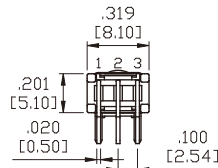
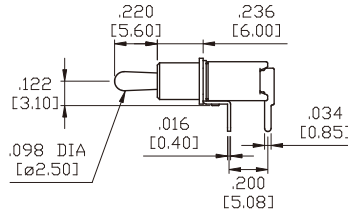
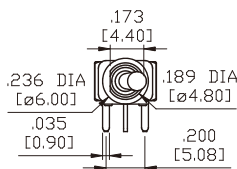
M2 PC THRU-HOLE



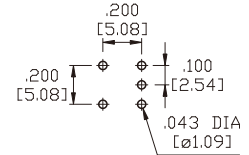
M6



SPDT



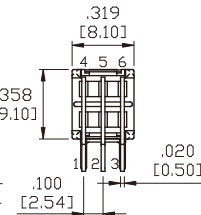
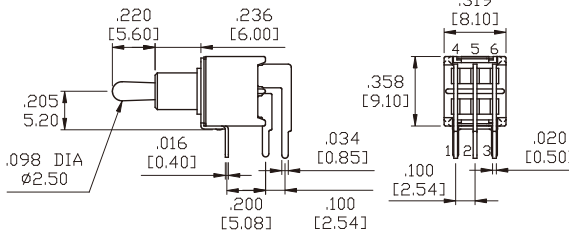
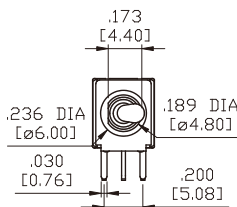
P.C.MOUNTING



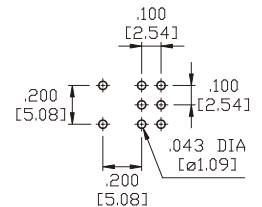
M6



DPDT



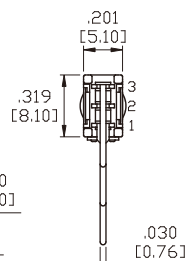
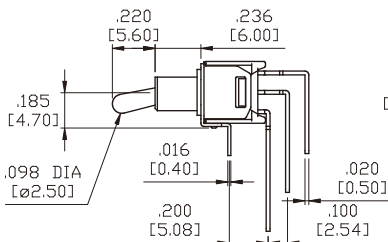
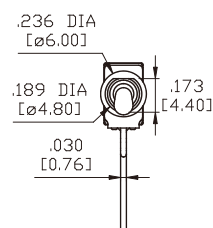
P.C.MOUNTING



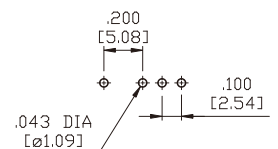
M7



SPDT

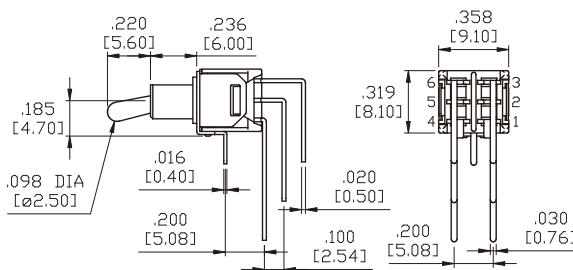
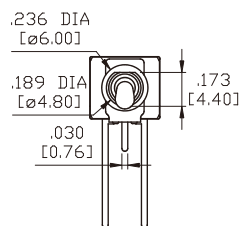


P.C.MOUNTING

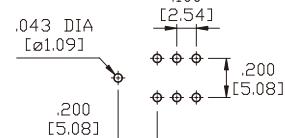


TERMINATION OPTIONS

M7

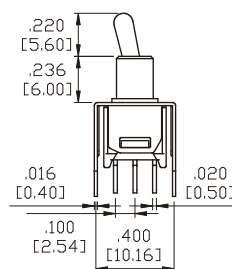
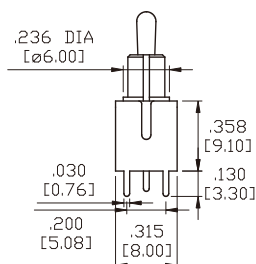
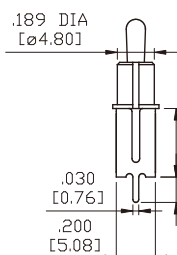


P.C.MOUNTING

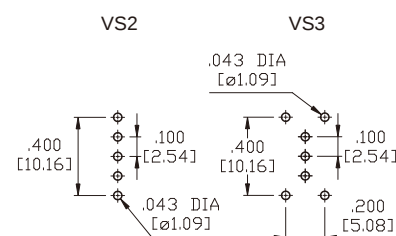


DPDT

VS2-VS3

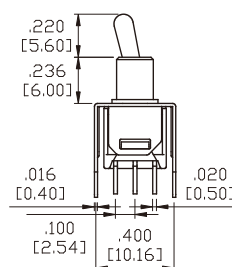
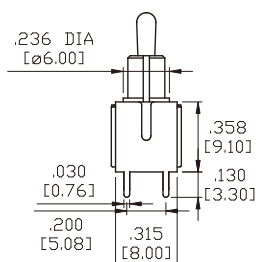
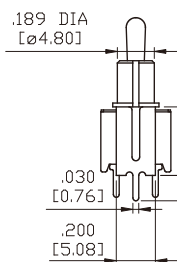


P.C.MOUNTING

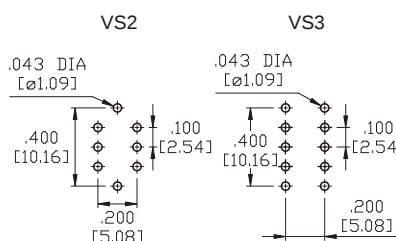


SPDT

VS2-VS3



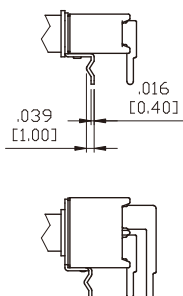
P.C.MOUNTING



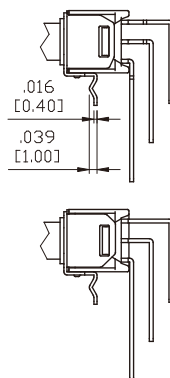
DPDT

SNAP-IN TERMINATION OPTIONS

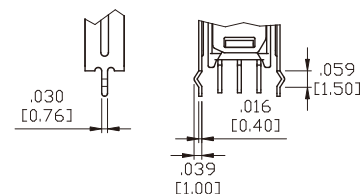
M61



M71



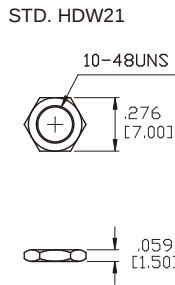
VS21



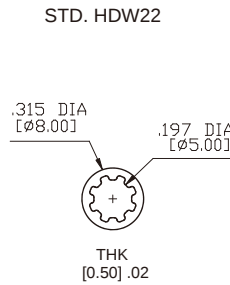
* PC Mounting for M61,M71,VS21 refer to M6,M7,VS2 respectively.

HARDWARE

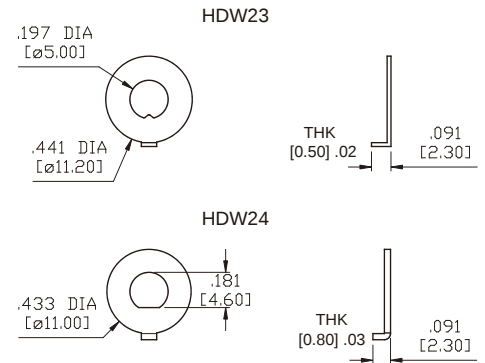
NUT



LOCK WASHER



LOCKING RING (OPTIONAL)



CONTACT MATERIAL OPTIONS

Coding	Contact Material	Terminal Plating	Rating	Agency Approvals
Q	Silver ¹	Silver plated ¹	3Amps @ 125VAC or 28VDC 1.5Amps @ 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	3Amps @ 125VAC or 28VDC 1.5Amps @ 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.

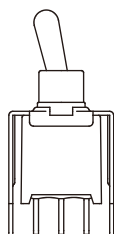
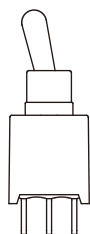
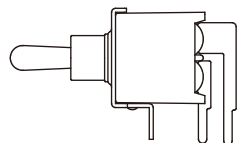
* P, K not available with M1 terminal.

SPECIFICATIONS:

CONTACT RATING: Refer to "Contact Material Options" for more info.
ELECTRICAL LIFE: 30,000 make-and-break cycles at full load.
CONTACT RESISTANCE: 20mΩ max. initial @2-4VDC
100mA for both silver and gold plated contacts.
INSULATION RESISTANCE: 1,000MΩ min.
DIELECTRIC STRENGTH: 1,500V RMS @ sea level.
OPERATING TEMPERATURE: -30°C to +85°C.

MATERIALS:

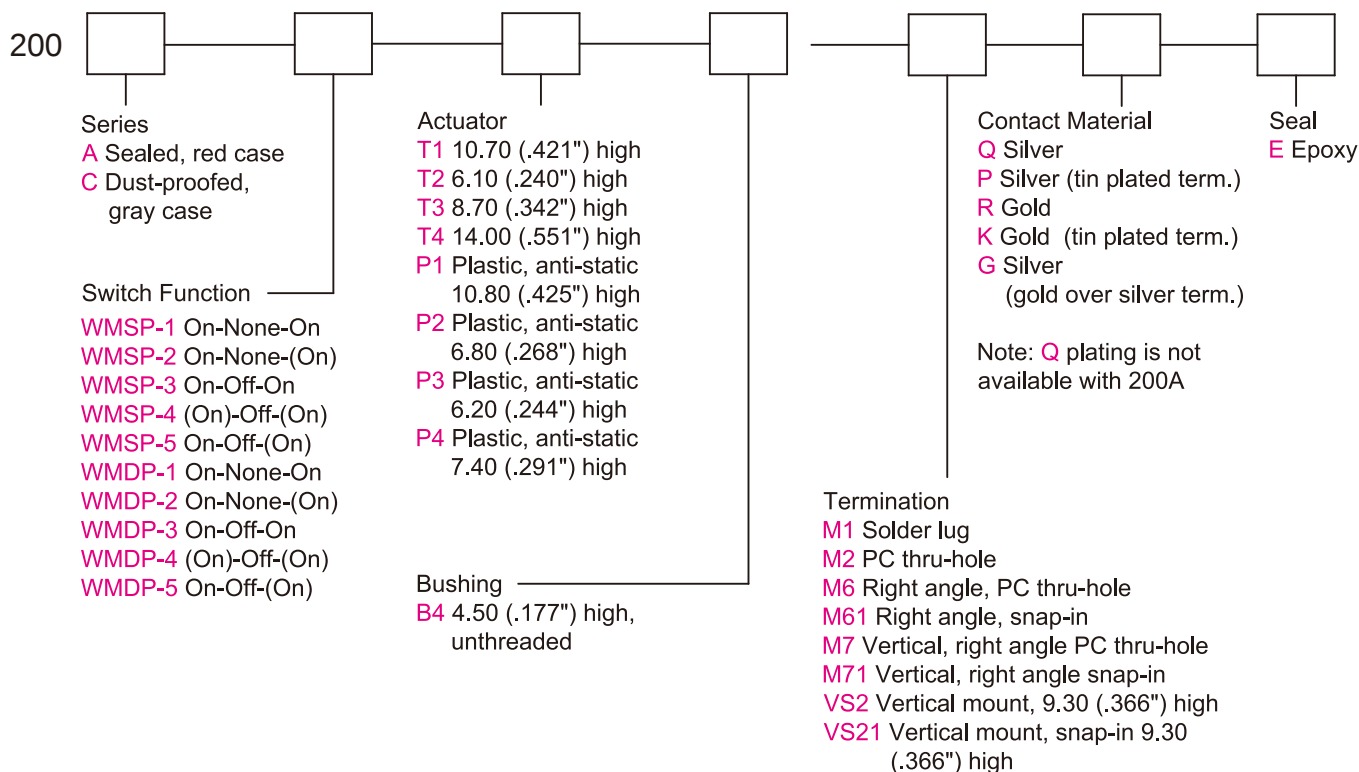
CASE & BUSHING: PA9T or 46 or FR52, flame retardant, heat stabilized (UL 94V-0).
ACTUATOR: Brass, chrome plated, internal o-ring sealed (200A).
ACTUATOR: Brass, chrome plated (200C).
SWITCH SUPPORT: Brass, tin plated.
TERMINAL SEAL: Epoxy.



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



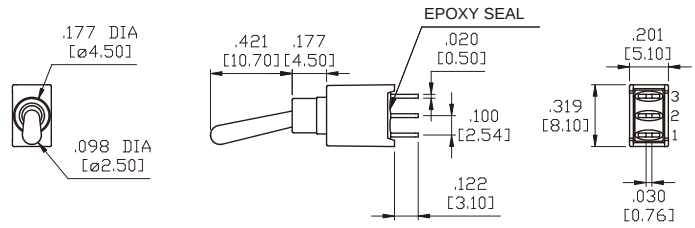
SPDT



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

Schematic

2Comm.



DPDT

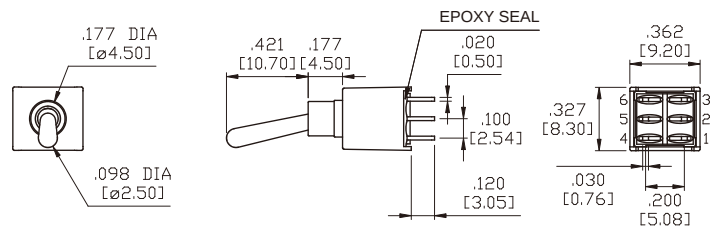


Model No.	Switching Position		
WMDP-1	ON	NONE	ON
WMDP-2	ON	NONE	(ON)
WMDP-3	ON	OFF	ON
WMDP-4	(ON)	OFF	(ON)
WMDP-5	ON	OFF	(ON)
Term. Comm.	2-3,5-6	OPEN	2-1,5-4

Schematic

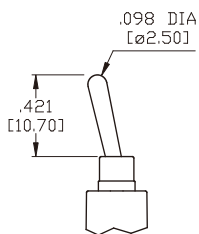
2Comm.

5Comm.

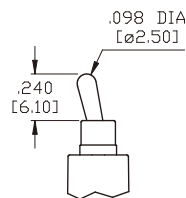


ACTUATOR OPTIONS

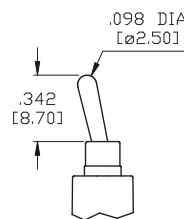
T1



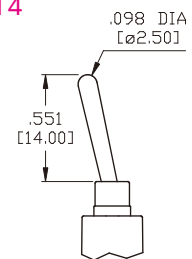
T2



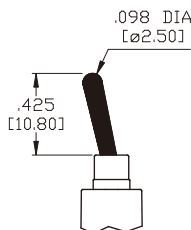
T3



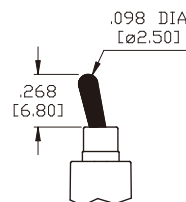
T4



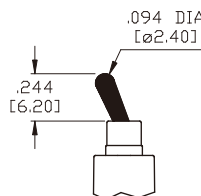
P1 PLASTIC TOGGLE



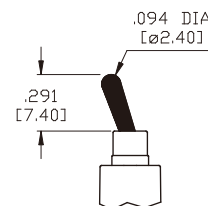
P2 PLASTIC TOGGLE



P3 PLASTIC TOGGLE



P4 PLASTIC TOGGLE



* Actuator length shown above is with B4 bushing.
* Please consult us for detailed spec on specific item.

* PLASTIC TOGGLE is capable of withstanding ESD resistance 9000VDC.

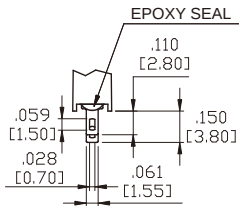
BUSHING OPTIONS

B4

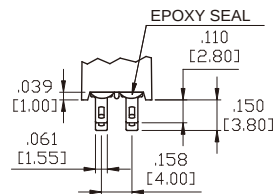


TERMINATION OPTIONS

M1 STD. SOLDER LUG

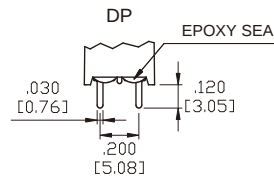
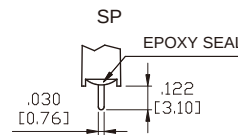


THK .020 [0.50]

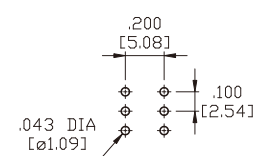
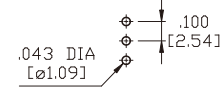


THK .020 [0.50]

M2 PC THRU-HOLE



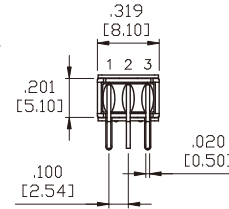
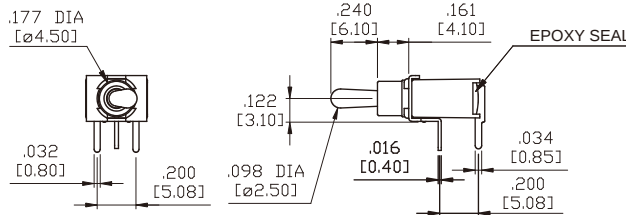
P.C.MOUNTING



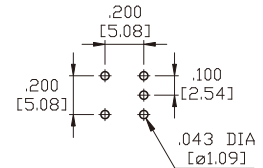
M6



SPDT



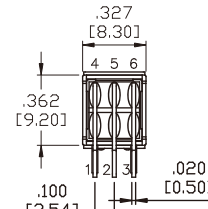
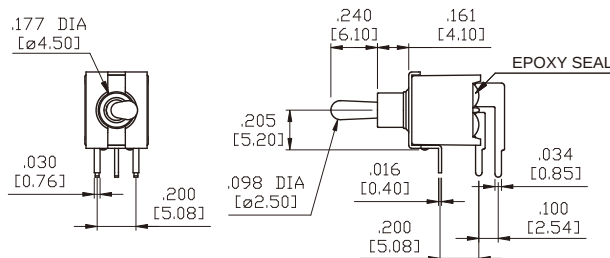
P.C.MOUNTING



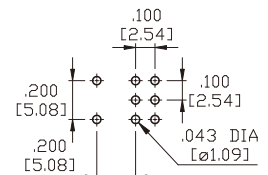
M6



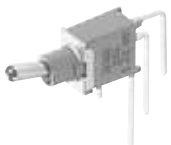
DPDT



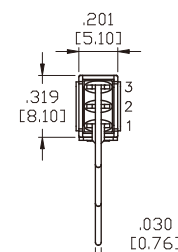
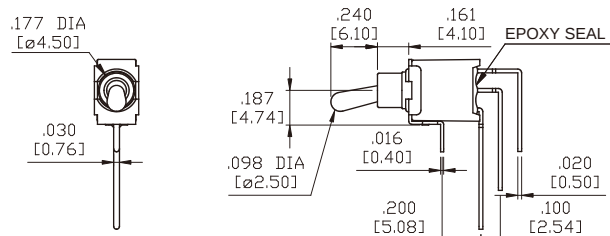
P.C.MOUNTING



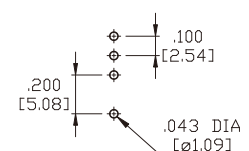
M7



SPDT

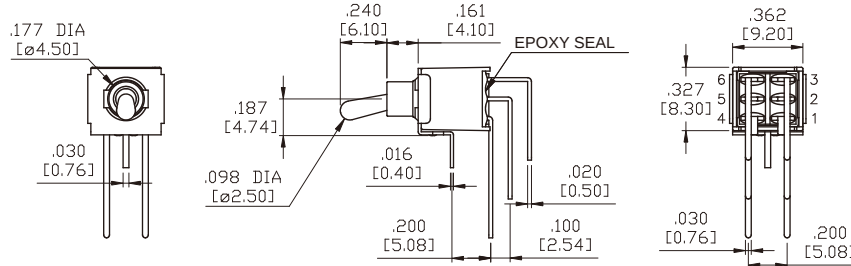
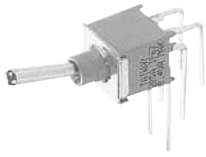


P.C.MOUNTING

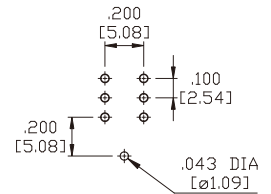


TERMINATION OPTIONS

M7

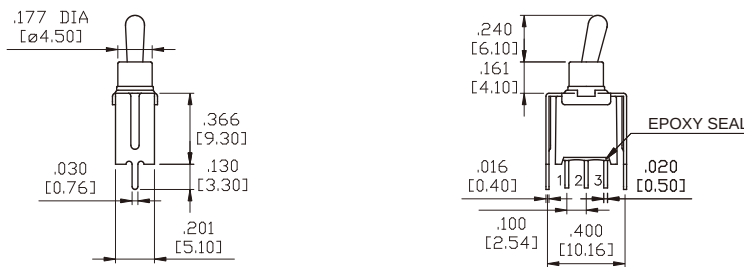


P.C.MOUNTING

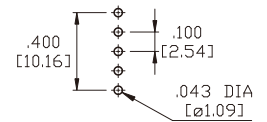


DPDT

VS2

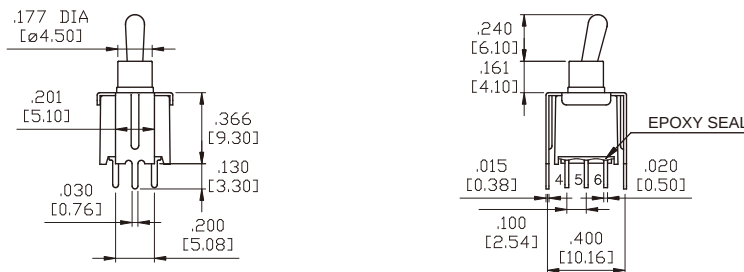


P.C.MOUNTING

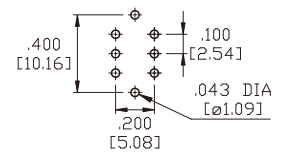


SPDT

VS2



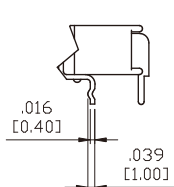
P.C.MOUNTING



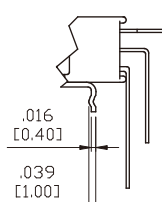
DPDT

SNAP-IN TERMINATION OPTIONS

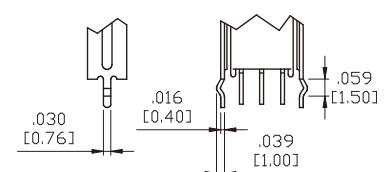
M61



M71



VS21



* PC Mounting for M61,M71,VS21 refer to M6,M7,VS2 respectively.

CONTACT MATERIAL OPTIONS

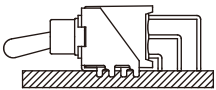
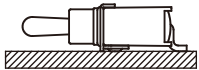
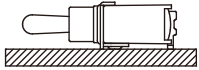
Coding	Contact Material	Terminal Plating	Rating	Agency Approvals
G	Silver ¹	Gold over silver ³	3Amps @ 125VAC or 28VDC 1.5Amps @ 250VAC	IP67
P		Tin plated ⁵ ₇		
R	Gold ²	Gold plated ⁴	0.4VA max @ 20V max (AC or DC)	IP67
K		Tin plated ⁵ ₆		

* Standard G plating for sealed product.

1. Movable Contact: 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 terminal.

* IP67 protection for 200A series only.

**SPECIFICATIONS:**

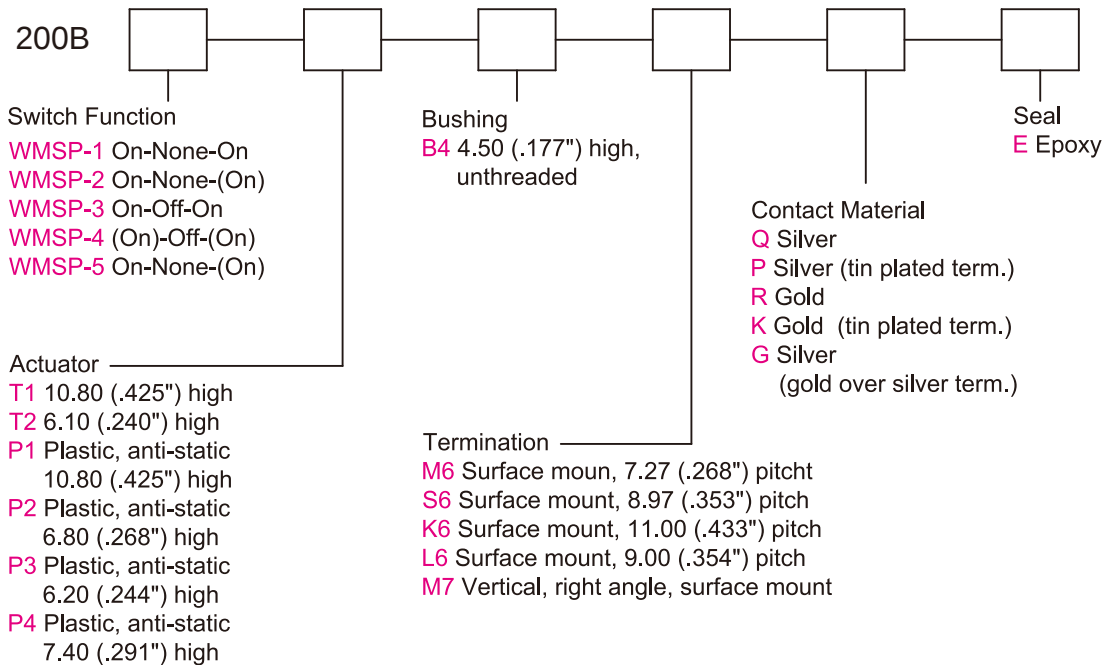
CONTACT RATING: Refer to "Contact Material Options" for more info.
 ELECTRICAL LIFE: 30,000 make-and-break cycles at full load.
 CONTACT RESISTANCE: 20mΩ max typ. initial@2-4 VDC
 100mA for both silver and gold contacts.
 INSULATION RESISTANCE: 1,000MΩ min.
 DIELECTRIC STRENGTH: 1,500 V RMS.@ sea level.
 OPERATING TEMPERATURE: -30°C to +85°C.

MATERIALS:

CASE & BUSHING: PA46 or FR52, flame retardant, heat stabilized(UL 94V-0).
 ACTUATOR: Brass, chrome plated, internal o-ring sealed (std).
 ESD TOGGLE: Nylon46+carbon fiber (ESD resistance 9000VDC)
 SWITCH SUPPORT: Brass (or Phosphor bronze), tin plated.
 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

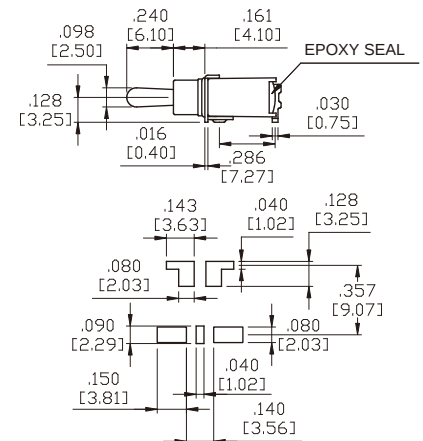
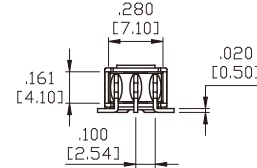
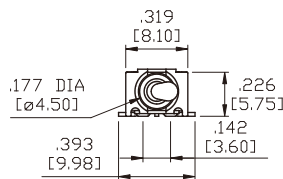
M6



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

Schematic

2Comm.



SPDT

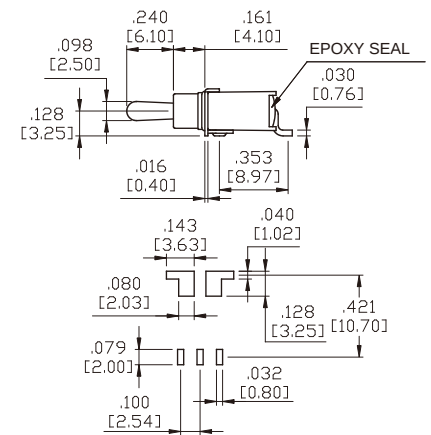
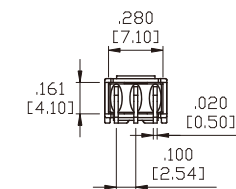
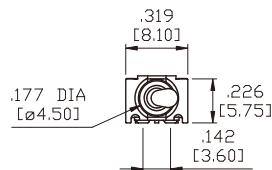
S6



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

Schematic

2Comm.



SPDT

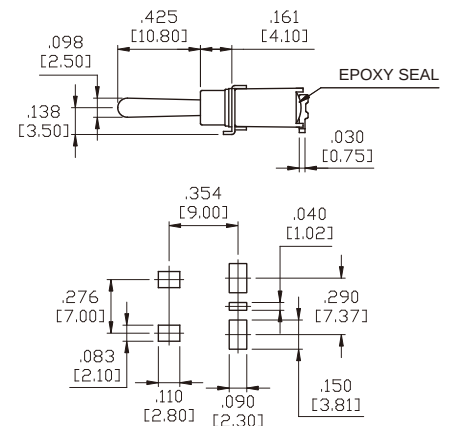
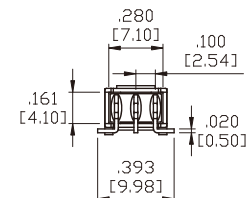
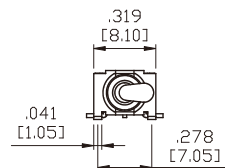
L6



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

Schematic

2Comm.



SPDT

K6



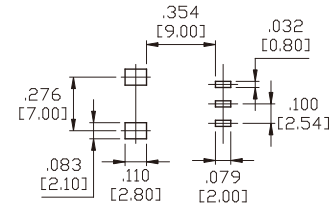
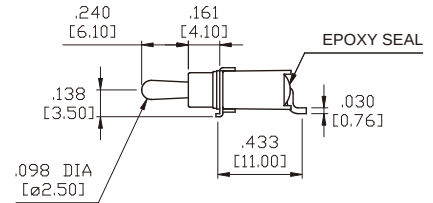
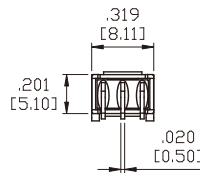
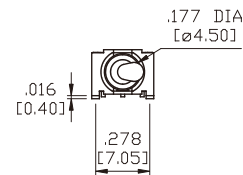
Model No.	Switching Position		
WMSP-1	ON	NONE	ON
WMSP-2	ON	NONE	(ON)
WMSP-3	ON	OFF	ON
WMSP-4	(ON)	OFF	(ON)
WMSP-5	ON	OFF	(ON)
Term. Comm.	2-3	OPEN	2-1

Schematic

2Comm.



SPDT



M7



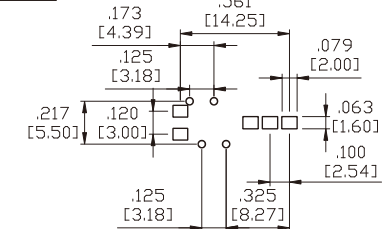
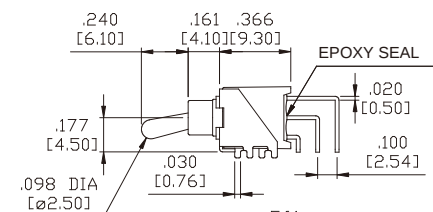
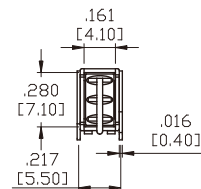
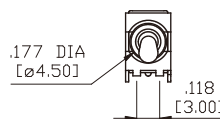
Model No.	Switching Position		
WMSP-1	ON	NONE	ON
WMSP-2	ON	NONE	(ON)
WMSP-3	ON	OFF	ON
WMSP-4	(ON)	OFF	(ON)
WMSP-5	ON	OFF	(ON)
Term. Comm.	2-3	OPEN	2-1

Schematic

2Comm.

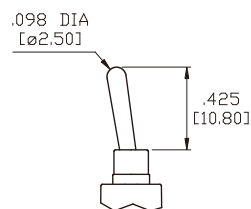


SPDT



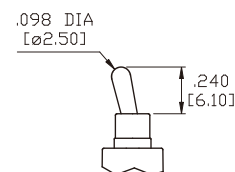
ACTUATOR OPTIONS

T1

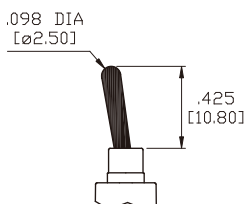


* Available with L6, S6, K6, M7 terminals only.

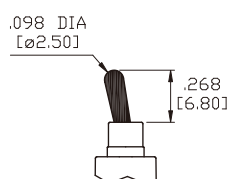
T2



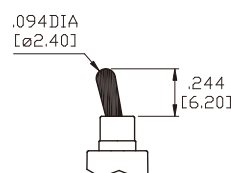
P1 PLASTIC TOGGLE



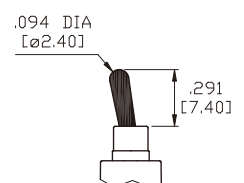
P2 PLASTIC TOGGLE



P3 PLASTIC TOGGLE

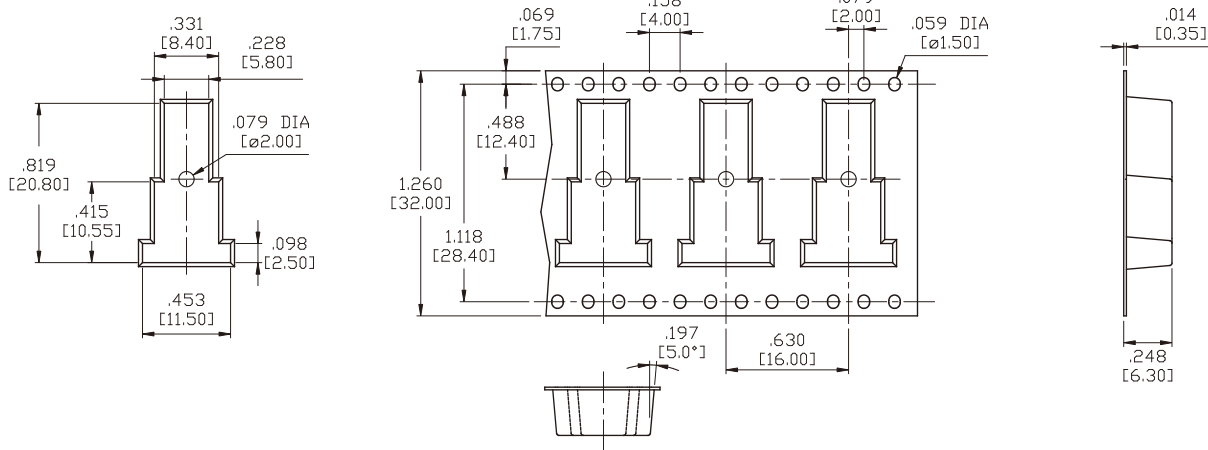


P4 PLASTIC TOGGLE

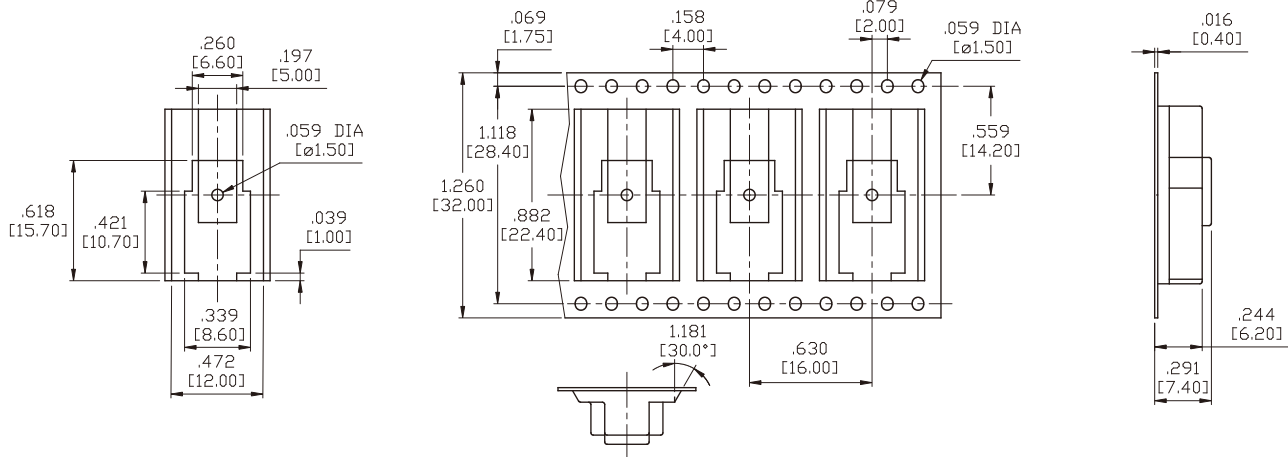


REEL TAPING

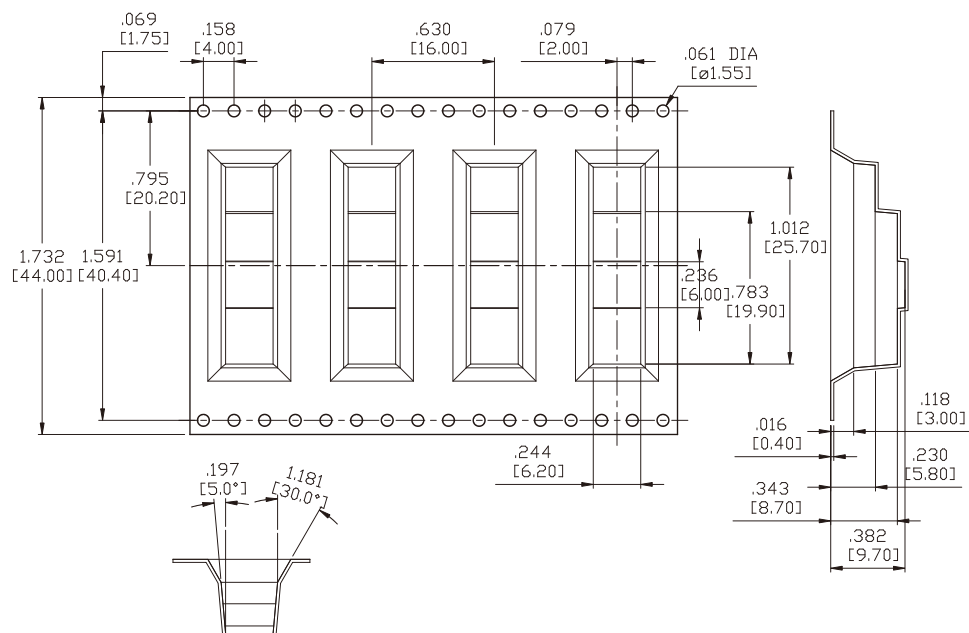
FOR M6 ONLY



FOR S6 & K6 ONLY



FOR M7 ONLY



Toggle

Rocker

Slide

Pushbutton

AV

Rotary

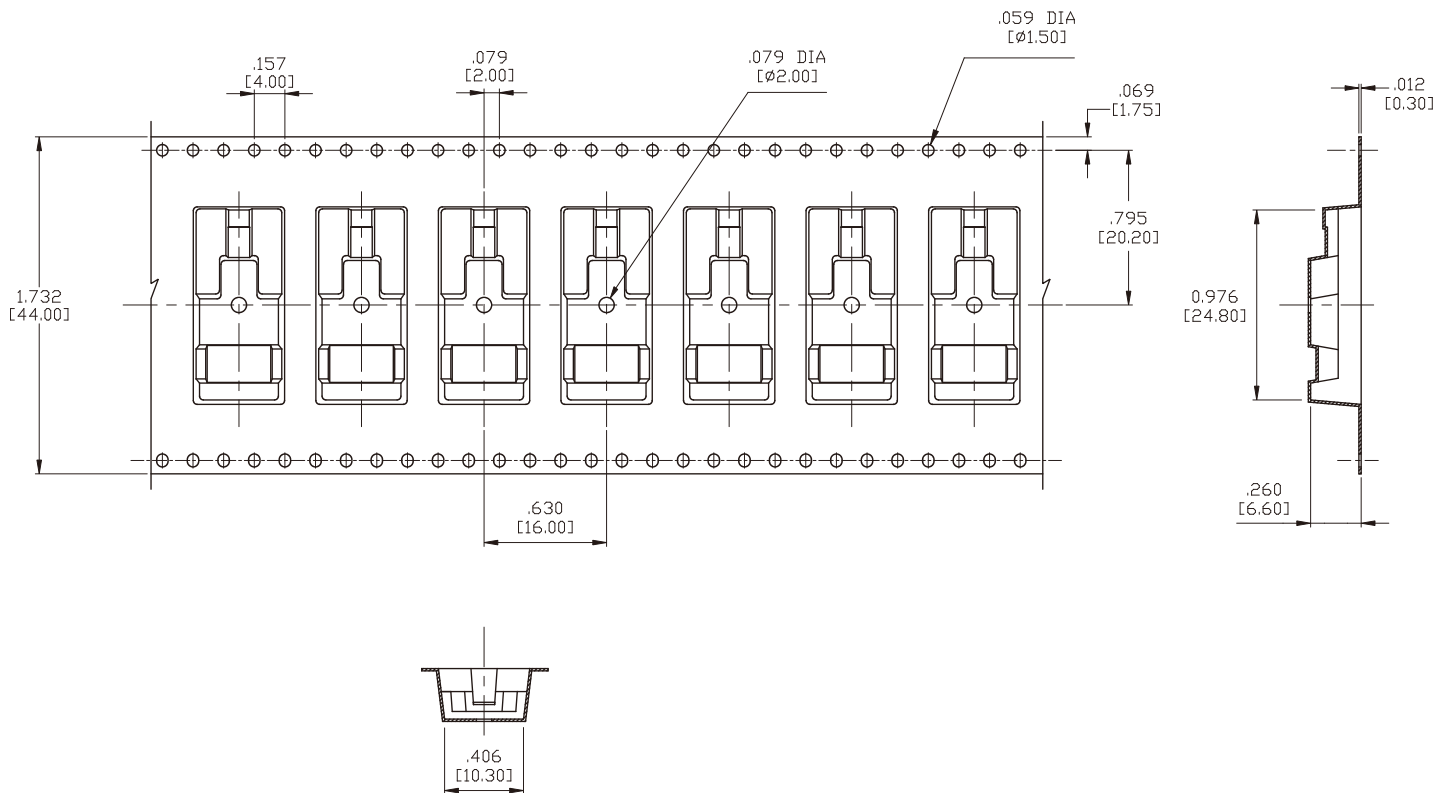
Tact

Touch Key

Miscellaneous

REEL TAPING

FOR L6 ONLY



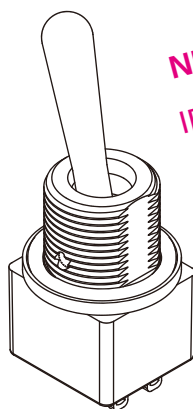
REEL TAPING

REEL INFORMATION	
OUTSIDE DIAMETER	12.99 [330.00]
PILOT HOLE	.502 [13.00]
QUANTITY PER REEL	500 400 (M7 model)

CONTACT MATERIAL OPTIONS

Coding	Contact Material	Terminal Plating	Rating	Agency Approvals
Q	Silver ¹	Silver plated ¹	3Amps @ 125VAC or 28VDC 1.5Amps @ 250VAC	IP67
P		Tin plated ⁵ ₇		
R	Gold ²	Gold plated ⁴	0.4VA max @ 20V max (AC or DC)	IP67
K		Tin plated ⁵ ₆		
G	Silver ¹	Gold over silver ³	3Amps @ 125VAC or 28VDC 1.5Amps @ 250VAC	IP67

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.



NEW !
IP 67 Protection

SPECIFICATIONS:

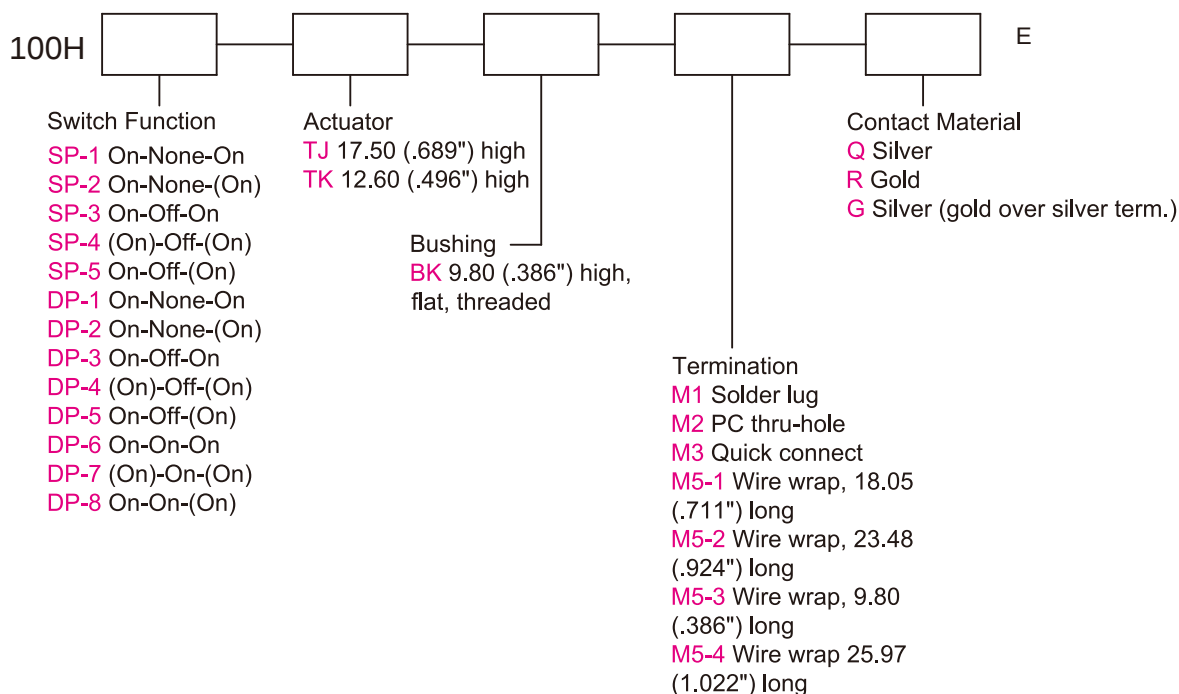
CONTACT RATING: Refer to "Contact Material Options" for more info.
ELECTRICAL LIFE: Min. 50,000 make-and-break cycles at full load.
CONTACT RESISTANCE: 10m-ohms max. initial @2-4VDC
100mA for both silver and gold plated contacts.
INSULATION RESISTANCE: 1,000M-ohms min.
DIELECTRIC STRENGTH: 1,500VAC for 1 minute.
OPERATING TEMPERATURE: -30°C to +85°C

MATERIALS:

CASE: Diallyl phthalate(DAP)(UL 94V-0).
TOGGLE HANDLE: Brass, black finish with o-ring sealed.
BUSHING: Brass, black finish with o-ring sealed
EXTERNAL SHELL: FR52 (UL 94V-0).
TERMINAL SEAL: Epoxy.

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

HOW TO ORDER SYSTEM



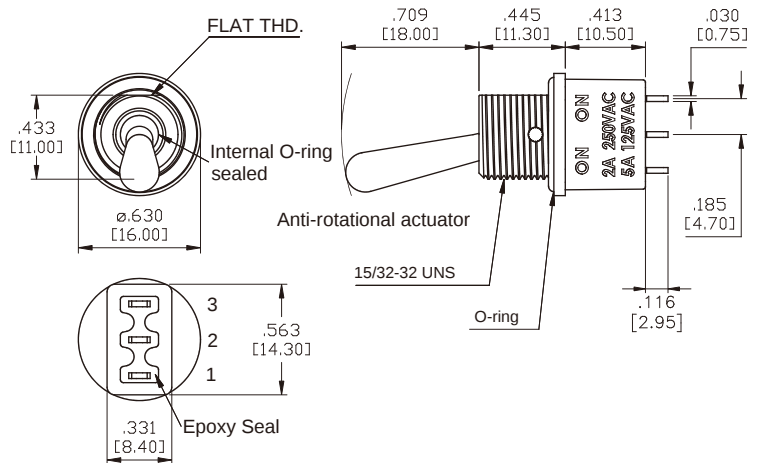
SPDT



Model No.	Switching Position		
SP-1	ON	NONE	ON
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

2Comm.



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

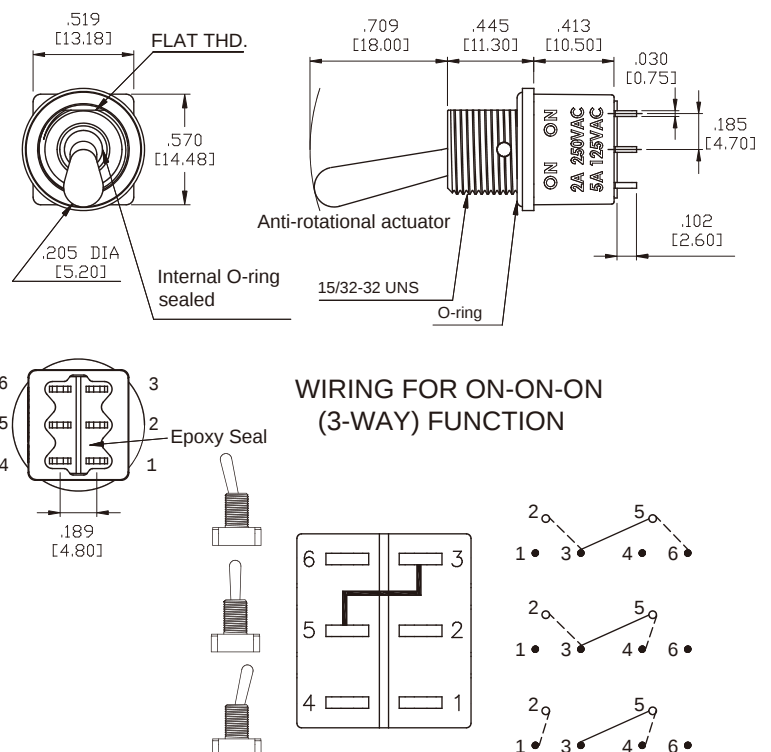
Model No.	Switching Position		
DP-6	ON	ON	ON
DP-7	(ON)	ON	(ON)
DP-8	ON	ON	(ON)
Term. Comm.	2-3,5-6	2-3,5-4	2-1,5-4

Schematic

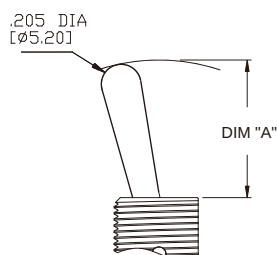
2Comm.



5Comm.



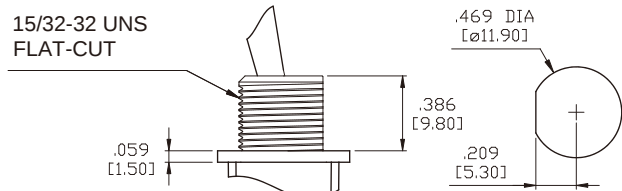
ACTUATOR OPTIONS



OPTION CODE	DIM. "A"
TJ	.709 [18.00]
TK	.512 [13.00]

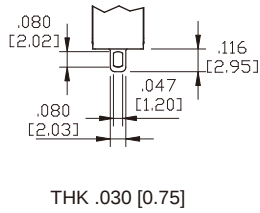
BUSHING OPTION & MOUNTING

BK

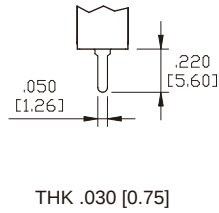


TERMINATION OPTIONS

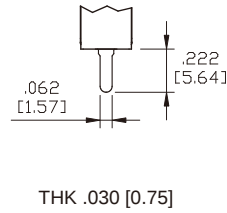
M1 STD. SOLDER LUG



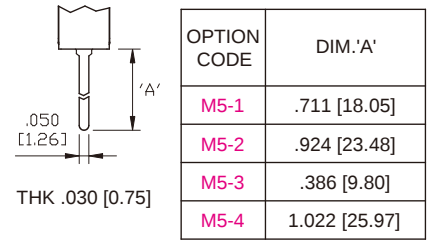
M2 PC THRU-HOLE



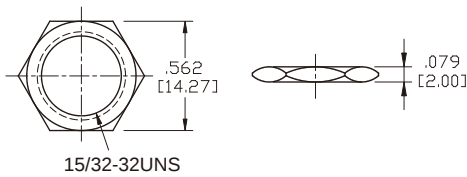
M3 QUICK CONNECT



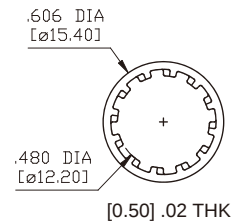
M5 WIRE WRAP



NUT



LOCK WASHER



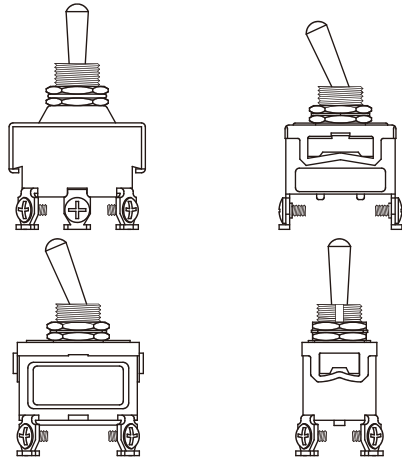
CONTACT MATERIAL OPTIONS

Coding	Contact Material	Terminal Plating	Rating	Agency Approvals
Q	Silver ¹	Silver plated ¹	5Amps @ 125VAC or 28VDC 2Amps @ 250VAC	RI [®] IP67
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	RI [®] IP67

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



SPECIFICATIONS:

RATING: 10A 250AC, 15A 125VAC.
INSULATION RESISTANCE: DC 500V 200M-ohms min.
CONTACT RESISTANCE: DC 2-4V 1A 20m-ohms max.
WITHSTAND VOLTAGE: AC 1500V for 1 minute.

MATERIALS:

BUSHING: C3604 brass.
COVER: Iron.
ACTUATOR: C3604 brass.
CONTACT ARM: Red brass.
SILVER CONTACT: AG SNO2+IN.
CONTACT HOLDER: Red brass.
HOUSING: Phenolic resin.
TERMINAL: Bronze.
SCREW: Iron.

SPST

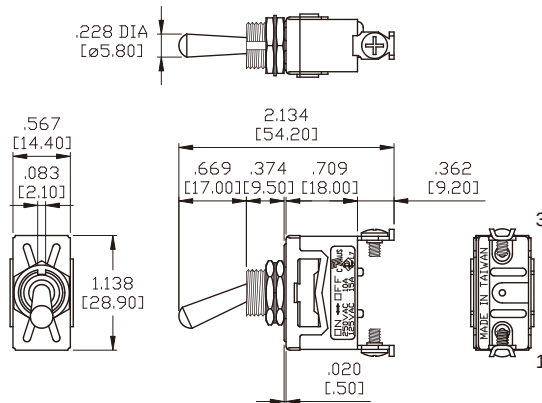


Model No.	Switching Position		
2P-1	ON	NONE	OFF
2P-A	MOM	NONE	OFF
Term. Comm.	1-3	OPEN	OPEN

Schematic



Switching Plate (ON-OFF etc.) available



SPDT

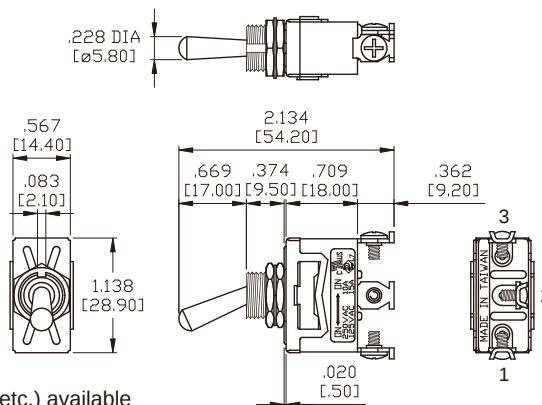


Model No.	Switching Position		
SP-1	ON	NONE	ON
SP-A	MOM	NONE	ON
SP-3	ON	OFF	ON
SP-4	MOM	OFF	MOM
SP-T	MOM	OFF	ON
Term. Comm.	2-3	OPEN	2-1

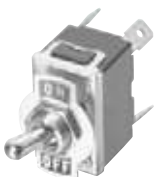
Schematic



Switching Plate (ON-ON etc.) available



DPST

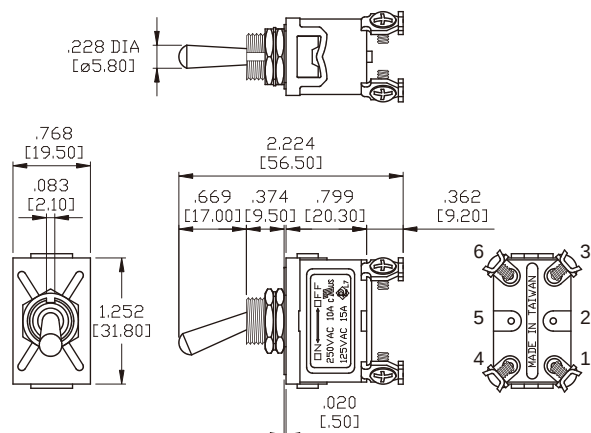


Model No.	Switching Position		
FP-1	ON	NONE	OFF
FP-A	MOM	NONE	OFF
Term. Comm.	1-3, 4-6	OPEN	OPEN

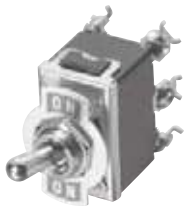
Schematic



Switching Plate (ON-OFF etc.) available

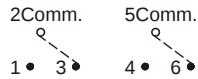


DPDT

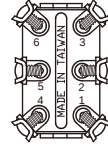
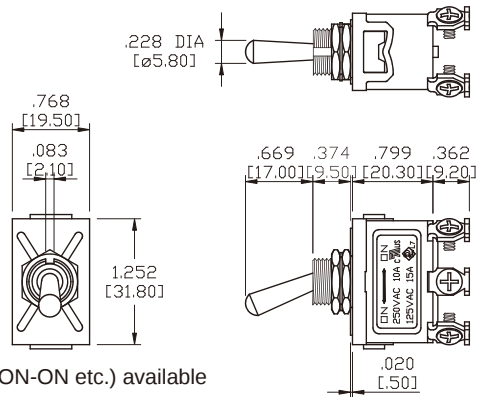


Model No.	Switching Position		
DP-1	ON	NONE	ON
DP-A	MOM	NONE	ON
DP-3	ON	OFF	ON
DP-4	MOM	OFF	MOM
DP-T	MOM	OFF	ON
Term. Comm.	2-3, 5-6	OPEN	2-1, 5-4

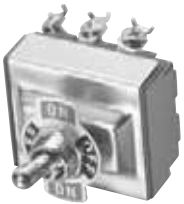
Schematic



Switching Plate (ON-ON etc.) available



3PDT

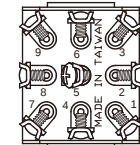
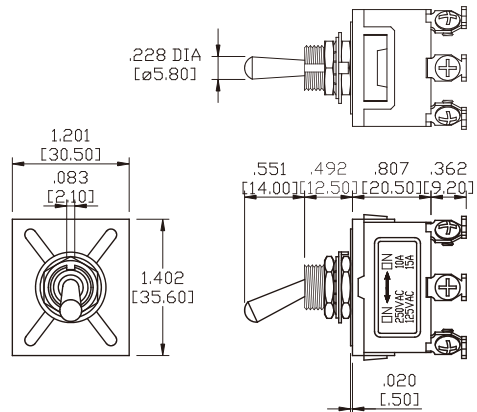


Model No.	Switching Position		
3P-1	ON	NONE	ON
3P-3	ON	OFF	ON
3P-4	MOM	OFF	MOM
Term. Comm.	2-1, 5-4 8-7	OPEN	2-3, 5-6 8-9

Schematic



Switching Plate (ON-ON etc.) available

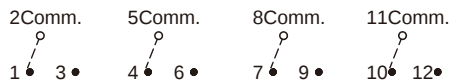


4PDT

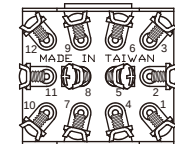
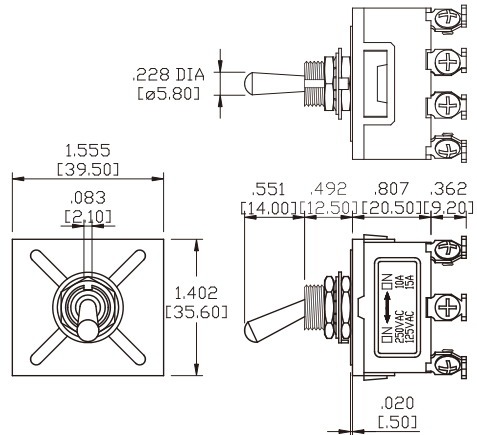


Model No.	Switching Position		
4P-1	ON	NONE	ON
4P-3	ON	OFF	ON
4P-4	MOM	OFF	MOM
Term. Comm.	2-1, 5-4 8-7 11-10	OPEN	2-3, 5-6 8-9 11-12

Schematic

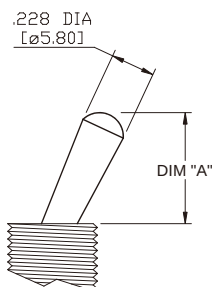


Switching Plate (ON-ON etc.) available

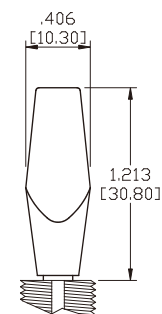


ACTUATOR OPTIONS

OPTION CODE	DIM "A"
A1	.433 [11.00]
A2	.571 [14.50]
A3	.669 [17.00]
A4	.827 [21.00]
A5	1.181 [30.00]



P1



Actuator length shown for A1-A5 is with B2 bushing

Only available with B3 bushing

BUSHING OPTIONS

B1 	B2 	B3 	B4 	B5
---------------	---------------	---------------	---------------	---------------

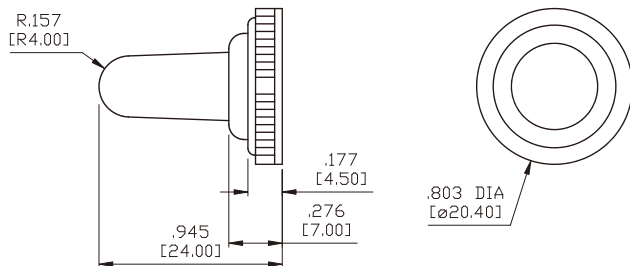
TERMINATION OPTIONS

H1 	H2 	H3 	H4 	H5
---------------	---------------	---------------	---------------	---------------

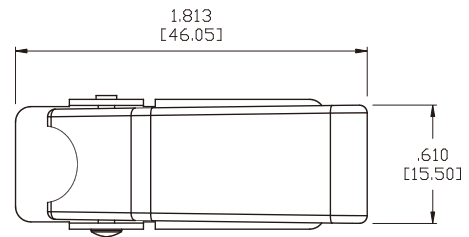
OPTIONAL TOGGLE CAPS

YE1A06 M12xP0.75 RUBBER HOOD

YE2A06 M12xP1.0 RUBBER HOOD

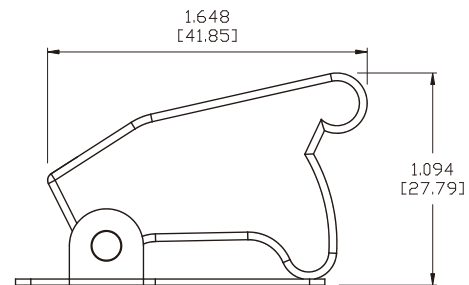
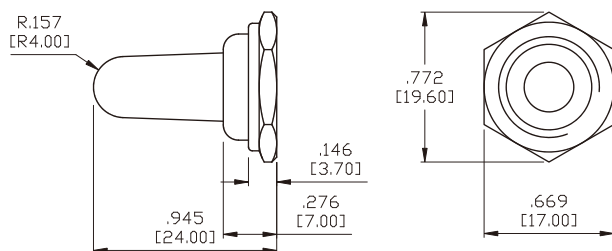


YS1306 SAFETY COVER



YE1D06 M12xP0.75 HEX RUBBER HOOD

YE2D06 M12xP1.0 HEX RUBBER HOOD



Only available for 17mm actuator

HOW TO ORDER

Series	Model No.	Actuator	Bushing	Termination
L7				

Specifications and Dimensions subject to change

Toggle

Rocker

Slide

Pushbutton

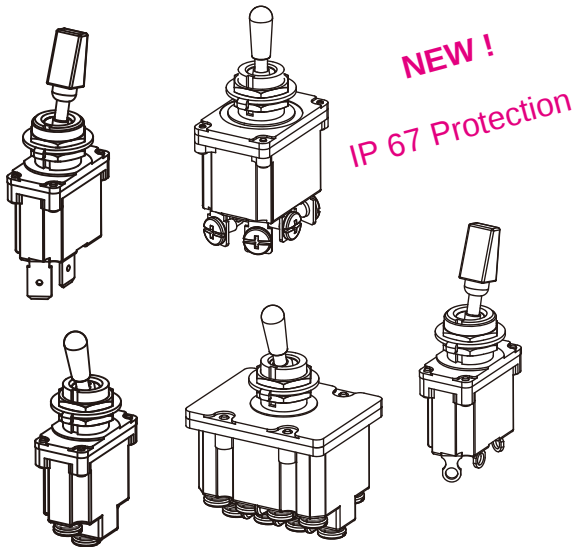
AV

Rotary

Tact

Touch Key

Miscellaneous



SPECIFICATIONS:

RATING: 10A 250AC, 12A 125VAC, 1/2HP 125VAC, 1HP 250VAC.
 INSULATION RESISTANCE: DC 500V 100M-ohms min.
 CONTACT RESISTANCE: DC 2-4V 1A 20m-ohms max.
 DIELECTRIC STRENGTH: AC 1500V for 1 minute.

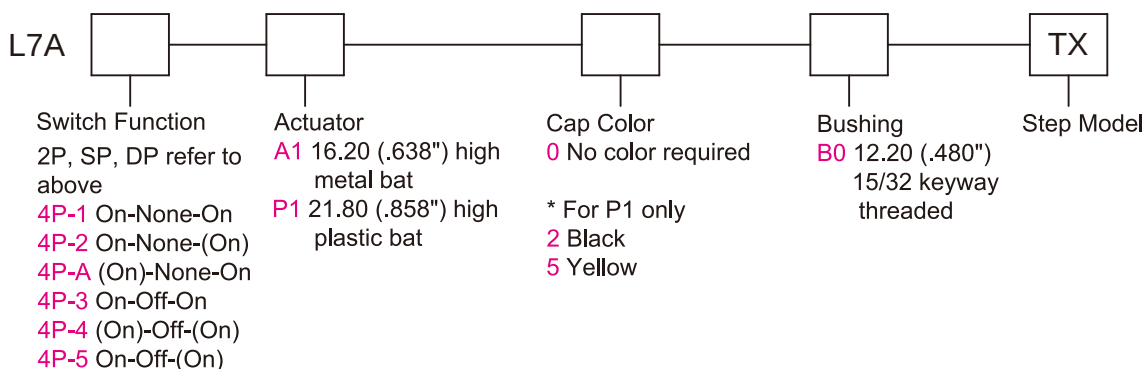
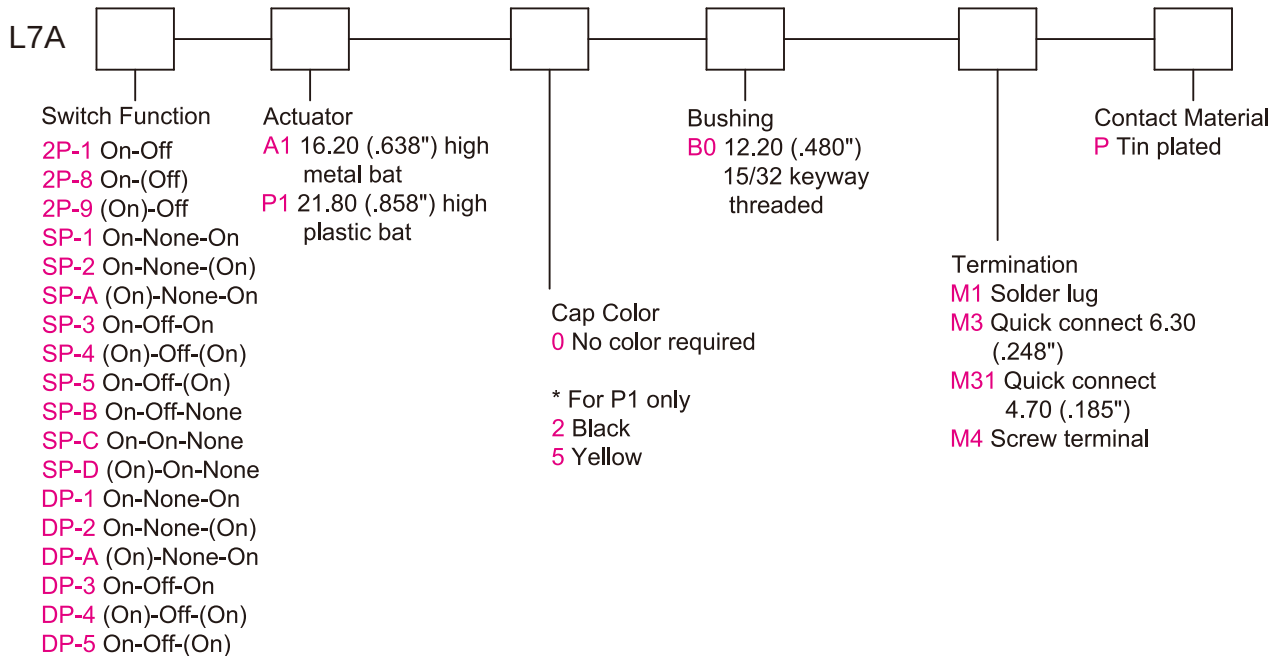
MATERIALS:

BUSHING: Zinc alloy.
 BODY: Nylon 66.
 ACTUATOR: Brass, nickel plated, anti-rotation.
 ORING: Silicon gasket.
 CONTACT: Silver alloy.
 TERMINAL: Brass, tin plated.
 NUT: Brass.
 WASHER: Steel.
 LOCKING RING: Steel.

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



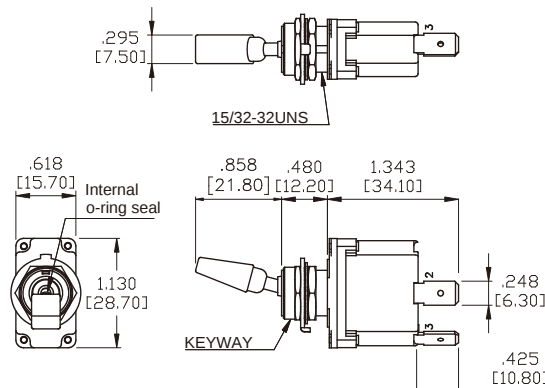
SPST



Model No.	Switching Position		
2P-1	ON	NONE	OFF
2P-8	ON	NONE	(OFF)
2P-9	(ON)	NONE	OFF
Term. Comm.	2-3	N/A	OPEN

Model No.	Switching Position		
2P-B	ON	OFF	NONE
Term. Comm.	2-3	OPEN	N/A

Schematic



Remark:

For 2P-B model, the switch becomes 2-position with center being one extreme position.

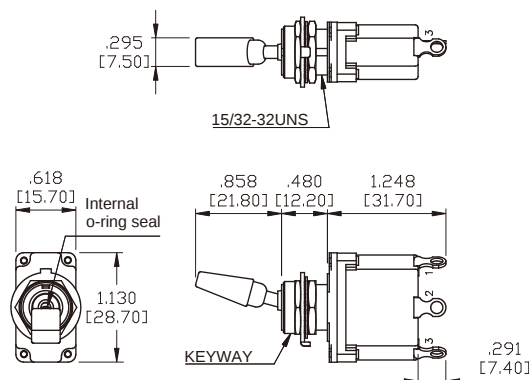
SPDT



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

Model No.	Switching Position		
SP-C	ON	ON	NONE
SP-D	(ON)	ON	NONE
Term. Comm.	2-3	2-1	N/A

Schematic



Remark:

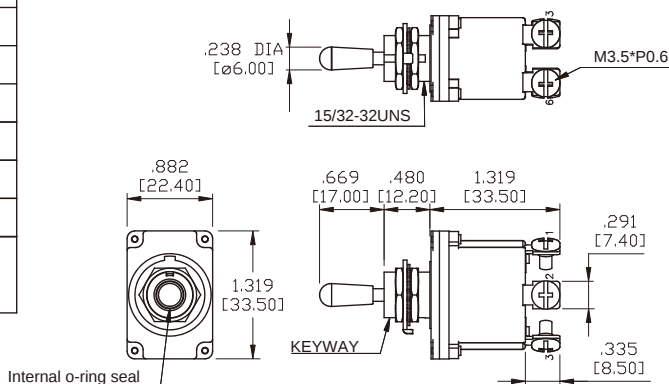
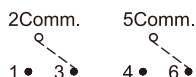
For SP-B, SP-C, SP-D models, the switch becomes 2-position with center being one extreme position.

DPDT



Model No.	Switching Position		
DP-1	ON	NONE	ON
DP-2	ON	NONE	(ON)
DP-A	(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



SPST



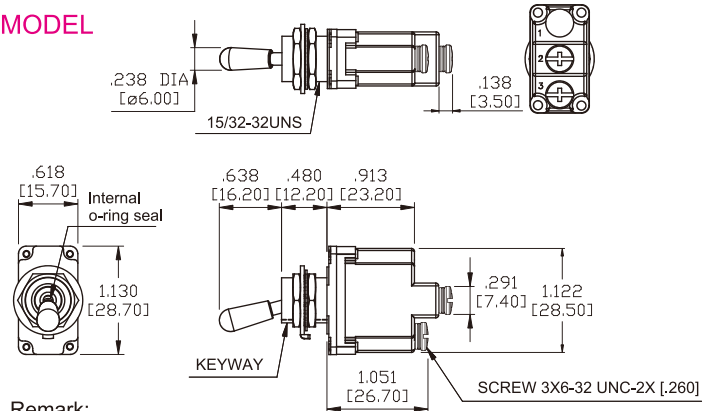
Model No.	Switching Position		
2P-1	ON	NONE	OFF
2P-8	ON	NONE	(OFF)
2P-9	(ON)	NONE	OFF
Term. Comm.	2-3	N/A	OPEN

Model No.	Switching Position		
2P-B	ON	OFF	NONE
Term. Comm.	2-3	OPEN	N/A

Schematic



STEP MODEL



Remark:

For 2P-B model, the switch becomes 2-position with center being one extreme position.

SPDT



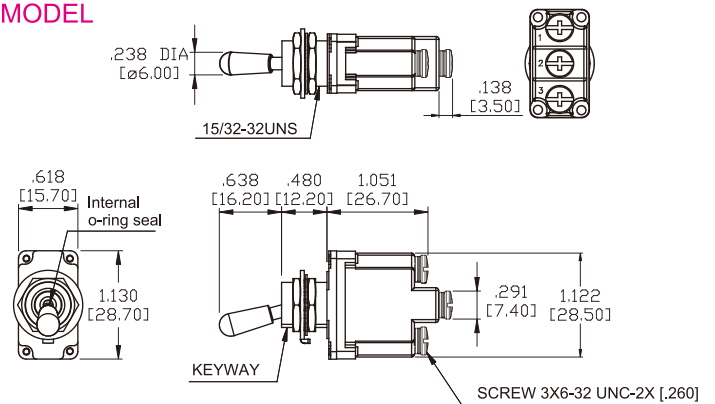
Model No.	Switching Position		
SP-1	ON	NONE	ON
SP-2	ON	NONE	(ON)
SP-A	(ON)	NONE	ON
SP-3	ON	OFF	ON
SP-4	(ON)	OFF	(ON)
SP-5	ON	OFF	(ON)
SP-B	ON	OFF	NONE
Term. Comm.	2-3	OPEN	2-1

Model No.	Switching Position		
SP-C	ON	ON	NONE
SP-D	(ON)	ON	NONE
Term. Comm.	2-3	2-1	N/A

Schematic



STEP MODEL



Remark:

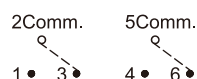
For SP-B, SP-C, SP-D models, the switch becomes 2-position with center being one extreme position.

DPDT

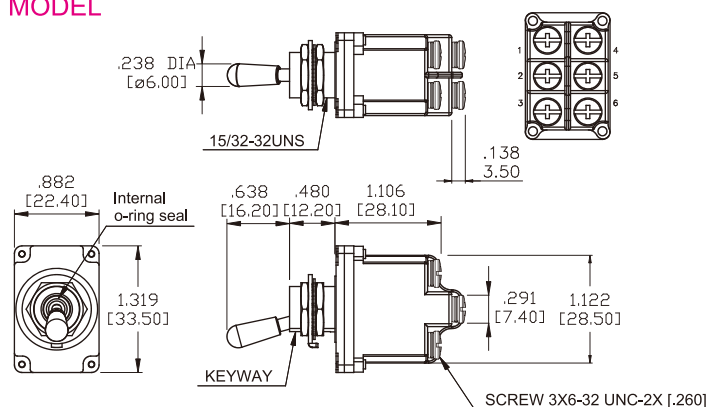


Model No.	Switching Position		
DP-1	ON	NONE	ON
DP-2	ON	NONE	(ON)
DP-A	(ON)	NONE	(ON)
DP-3	ON	OFF	ON
DP-4	(ON)	OFF	(ON)
DP-5	ON	OFF	(ON)
Term. Comm.	2-3, 5-6	OPEN	2-1, 5-4

Schematic



STEP MODEL



4PDT



Model No.	Switching Position		
4P-1	ON	NONE	ON
4P-2	ON	NONE	(ON)
4P-A	(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

Schematic

2Comm.

1 • 3 •

5Comm.

4 • 6 •

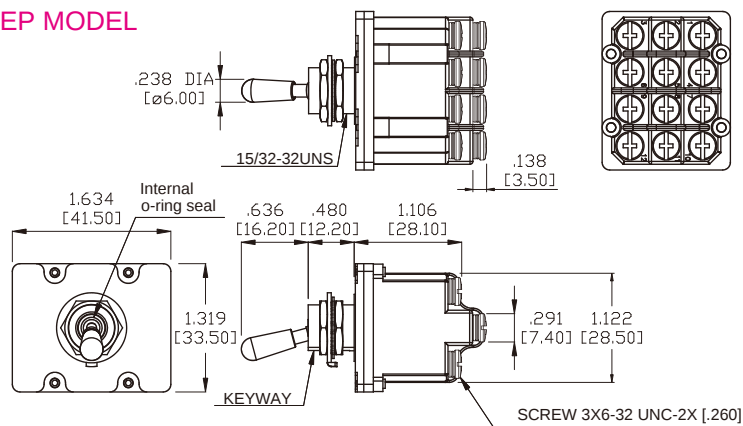
8Comm.

7 • 9 •

11Comm.

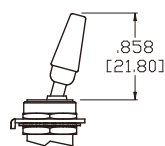
10 • 12 •

STEP MODEL



ACTUATOR OPTIONS

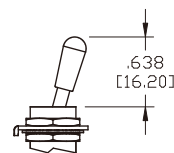
P1



Cap Color	
2	Black
5	Yellow

MATERIAL: Nylon 6/6

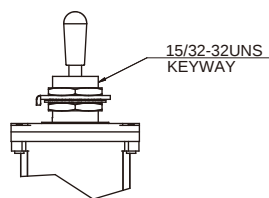
A1



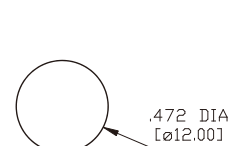
MATERIAL: Brass nickel plated

BUSHING OPTION

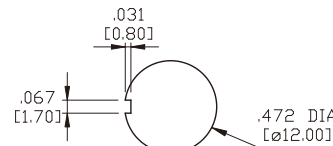
B0



PANEL MOUNTING



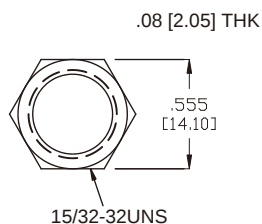
W/O KEYWAY



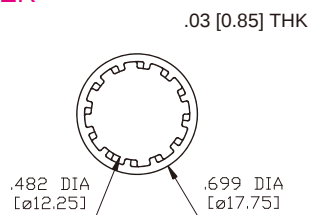
WITH KEYWAY

HARDWARE

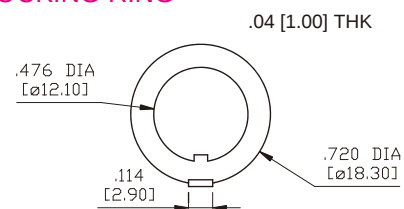
NUT



WASHER

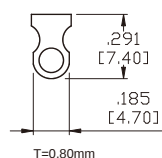


LOCKING RING

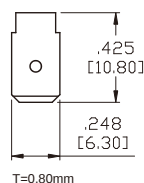


TERMINATION OPTIONS

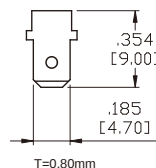
M1



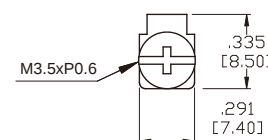
M3



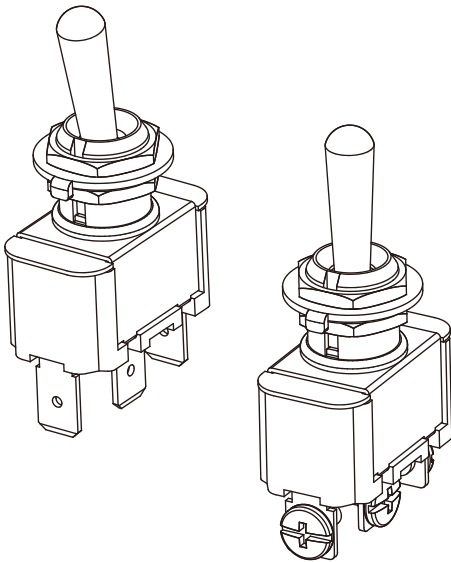
M31



M4



NEW !



SPECIFICATIONS:

CONTACT RATING: 12A 250VAC, 20A 125VAC, 1HP 125/250VAC.
ELECTRICAL LIFE: 30,000 make-and-break cycles at full load.
CONTACT RESISTANCE: 20m-ohms max. initial @2-4VDC
INSULATION RESISTANCE: 500VDC 100M-ohms min.
DIELECTRIC STRENGTH: 1,500VAC for 1 minute.
SOLDERING TEMPERATURE: Hand soldering 350°C for max. 3sec.
OPERATING TEMPERATURE: -30°C to +85°C
IP65 PROTECTION CLASS.

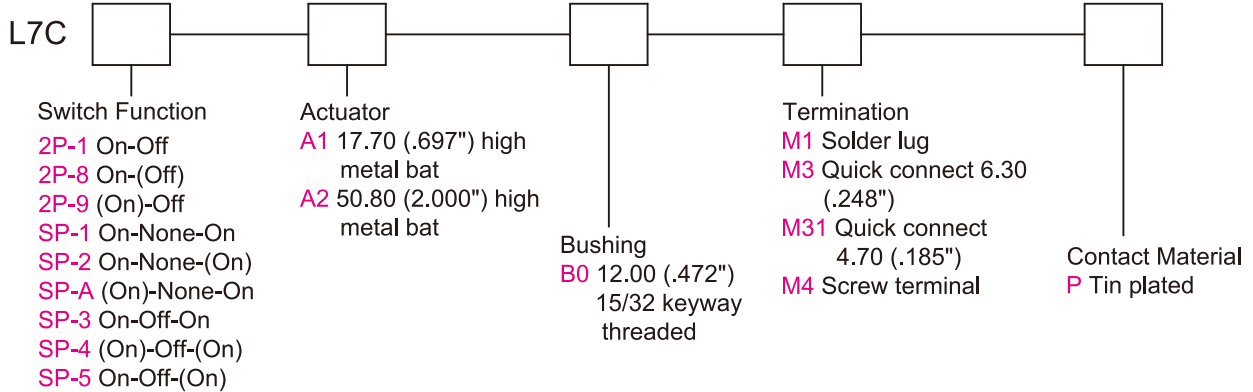
MATERIALS:

CASE: Phenolic molding compound (UL94V-1).
ACTUATOR: Brass, nickel plated with internal oring sealed.
BUSHING: Brass, nickel plated
HOUSING: Stainless steel.
PIVOT PIN: PA66 (UL94V-0).
SPRING: Piano wire.
CONTACT: Silver rivet.
TERMINAL: Brass, tin plated.
NUT: Brass, nickel plated.
WASHER & LOCKING RING: Steel, nickel plated.

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

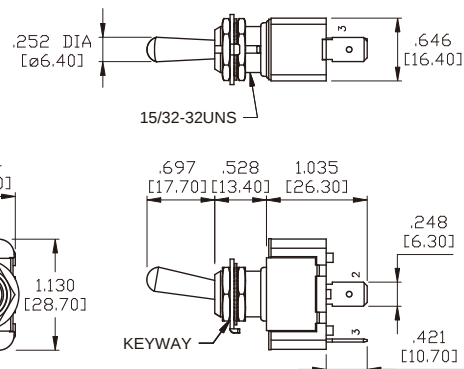


SPST



Model No.	Switching Position		
2P-1	ON	NONE	OFF
2P-8	ON	NONE	(OFF)
2P-9	(ON)	NONE	OFF
Term. Comm.	2-3	N/A	OPEN

Schematic

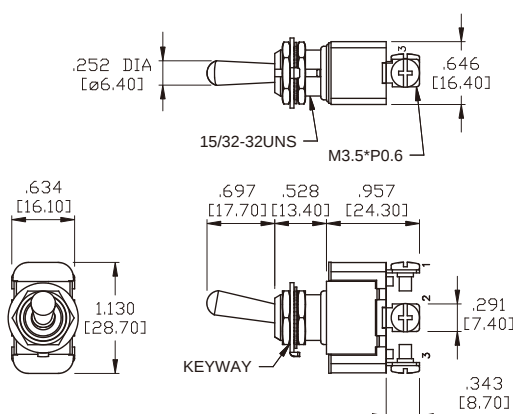


SPDT



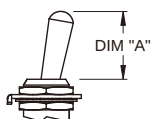
Model No.	Switching Position		
SP-1	ON	NONE	ON
SP-2	ON	NONE	(ON)
SP-A	(ON)	NONE	ON
SP-3	ON	OFF	ON
SP-4	(ON)	OFF	(ON)
SP-5	ON	OFF	(ON)
Term. Comm.	2-3	OPEN	2-1

Schematic



ACTUATOR OPTIONS

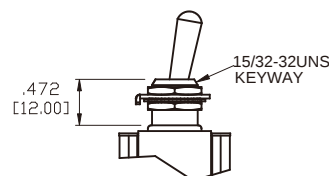
A1



OPTION CODE	DIM "A"
1	.697 [17.70]
2	2.000 [50.80]

BUSHING OPTIONS

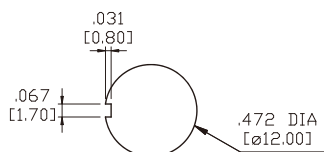
B0



PANEL MOUNTING

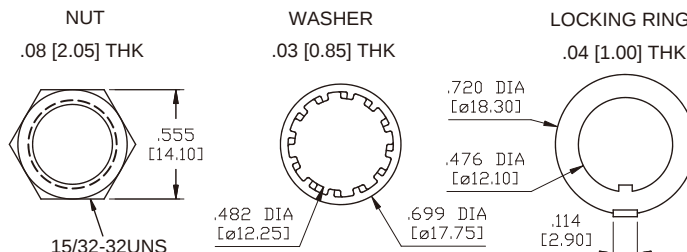


W/O KEYWAY



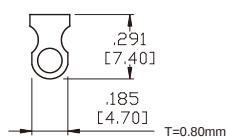
WITH KEYWAY

HARDWARE

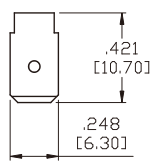


TERMINATION OPTIONS

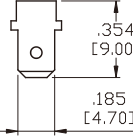
M1



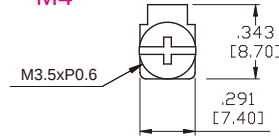
M3



M31



M4





www.taiway.com



總公司：23586 新北市中和區中山路二段359巷4.6.8號4樓

4F., No.4,6,8, Lane. 359, Sec. 2, Zhongshan Rd., Zhonghe Dist., New Taipei City 23586, Taiwan (R.O.C.)

TEL. +886.2.8228.1538

FAX. +886.2.8228.1283