

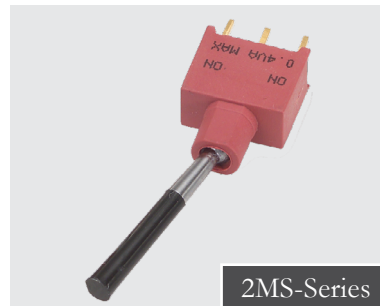
# 2M-Series

## MINIATURE TOGGLES

The 2M family of miniature toggle switches is composed of three switch series; the **2M1-Series** miniature toggle switch, the **2MS-Series** sealed miniature toggle switch, and the **2M1H-Series** premium sealed miniature toggle switch. These series all feature PC mounting and offer a variety of ratings, circuits, contact materials, terminal platings, toggle styles and lengths, and optional color caps.



2M1H-Series



2MS-Series



2M1-Series

### Product Highlights:

- IP67 Sealing
- 8 Single and Double Pole Circuits
- Long, Short and Flatted Bushing Options
- Large Variety of Termination Options
- Available Gold, Silver and Tin Platings
- UL Approved
- Sleek Black Finish

### Typical Applications:

- Telecommunications
- Instrumentation
- Networking
- Medical Equipment
- Military Communications

### Resources:

[Configure a Complete Part](#)

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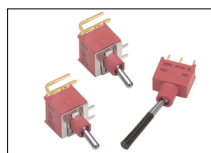
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**2M1H-Series**  
Premium Sealed  
Miniature  
Toggle Switch



**2MS-Series**  
Sealed  
Miniature  
Toggle Switch



**2M1-Series**  
Miniature  
Toggle Switch

### Electrical

Contact Rating	refer to ordering scheme
Electrical Life	50,000 make & break cycles @ full load
Contact Resistance	10 mΩ max. initial @ 2-4 VDC 100mA for both silver & gold plated contacts
Insulation Resistance	1000 MΩ min.
Dielectric Strength	1500 Volts RMS @ sea level

### Physical

Operating Temperature	-30°C to +85°C
Index of Protection	<i>2M1H-Series:</i> IP67 <i>2MS-Series:</i> IP67
Solder Heat Resistance	MIL-STD-202, Method 210
Actuator Travel	25°

### Material

Case	<i>2M1H-Series &amp; 2M1-Series:</i> Dially phthalate (DAP) (UL 94V-0) <i>2MS-Series:</i> Glass filled nylon 6/6, flame retardant, heat stabilized (UL 94V-0)
Toggle	<i>2M1H-Series:</i> Brass, black finish with o-ring seal <i>2MS-Series:</i> Brass, chrome plated, internal o-ring sealed <i>2M1-Series:</i> Brass, chrome plated
Bushing	<i>2M1H-Series:</i> Brass, black finish with o-ring seal <i>2MS-Series:</i> Glass filled nylon 6/6, flame retardant, heat stabilized (UL 94V-0) <i>2M1-Series:</i> Brass, nickel plated
Housing	Stainless Steel
Bracket	<i>2MS-Series:</i> Nylon (UL 94V-0) <i>2M1-Series:</i> Stainless Steel
Actuator Pivot Retainer	<i>2MS-Series:</i> Stainless Steel
Switch Support	Brass, tin plated
Terminal Seal	Epoxy



**1 SERIES**  
**2M1H** Premium Sealed Miniature Toggle Switch

**2 POLE / CIRCUIT**  
( ) - momentary  
Position:      **1**      **2**      **3**

<b>SP1</b>	ON	2-3, 5-6	Connected Terminals	2-1, 5-4	ON
<b>SP2</b>	ON		NONE		(ON)
<b>SP3</b>	ON		OFF		ON
<b>SP4</b>	(ON)		OFF		(ON)
<b>SP5</b>	ON		OFF		(ON)
<b>DP1</b>	ON		NONE		ON
<b>DP2</b>	ON		NONE		(ON)
<b>DP3</b>	ON		OFF		ON
<b>DP4</b>	(ON)		OFF		(ON)
<b>DP5</b>	ON		OFF		(ON)
<b>DP6 *</b>	ON		ON		ON
<b>DP7 *</b>	(ON)		ON		(ON)
<b>DP8 *</b>	ON		ON		(ON)

\*Center position connects 2-3, 5-4

**3 ACTUATOR STYLE**  
**TJ** .709" [18 mm] length      **TK** .512" [13.00 mm] length

**4 BUSHING**  
**BK** .386" [9.80 mm] threaded, flat

**5 TERMINATION <sup>7</sup>**

<b>M1</b> Solder Lug	<b>M51</b> Wire Wrap, .750" [19.05mm] length
<b>M2</b> PCB	<b>M52</b> Wire Wrap, .964" [24.48mm] length
<b>M3</b> Quick Connect	<b>M53</b> Wire Wrap, .425" [10.80mm] length
	<b>M54</b> Wire Wrap, 1.062" [25.97mm] length

**6 CONTACTS / TERMINALS**

	Contact Material	Terminal Plating	Rating	Approvals
<b>G</b>	silver <sup>1</sup>	gold over silver	5A 125VAC or 28VDC, 2A 250VAC	IP67
<b>K</b>	gold <sup>2,5</sup>	tin <sup>4,7</sup>	0.4VA max 20V max (AC/DC)	IP67
<b>P</b>	silver <sup>1,6</sup>	tin <sup>4,7</sup>	5A 125VAC or 28VDC, 2A 250VAC	IP67
<b>Q</b>	silver <sup>1</sup>	silver <sup>1</sup>	5A 125VAC or 28VDC, 2A 250VAC	IP67
<b>R</b>	gold <sup>2</sup>	gold <sup>3</sup>	0.4VA max 20V max (AC/DC)	IP67

**7 EPOXY SEAL**  
**E** Epoxy Seal

- Notes:  
Switches supplied with (1) 2M1-HDW4 hex nut and (1) 3MNH-WCP-0872 O-Ring
- Movable contact and terminal platings: silver over copper alloy
  - Movable contact and terminal platings: gold over nickel over copper alloy
  - Terminal platings: gold over nickel over copper alloy
  - Terminal platings: tin over copper alloy
  - Terminal contact platings: gold over nickel alloy
  - Terminal contact platings: silver over nickel alloy
  - Tin option not available with M1 & M3 terminations.

\*Manufacturer reserves the right to change product specification without prior notice.

# 2MS - WSP 1 - T1 - B4 - M1 G E

1 Series      2 Poles      3 Circuit      4 Actuator Style      5 Bushing      6 Termination      7 Contacts      8 Seal

### 1 SERIES

**2MS** Sealed Miniature Toggle Switch

### 2 POLES

**WSP** Single pole - uses terminals 1, 2 & 3  
**WDP** Double pole - uses terminals 1, 2, 3, 4, 5 & 6  
**W3P** Three pole - uses terminals 1, 2, 3, 4, 5, 6, 7, 8 & 9

### 3 CIRCUIT

( ) - momentary

Position:	1	2	3
	2-3, 5-6, 8-9	Connected Terminals	2-1, 5-4, 8-7
1	ON	NONE	ON
2	ON	NONE	(ON)
3	ON	OFF	ON
4	(ON)	OFF	(ON)
5	ON	OFF	(ON)

### 4 ACTUATOR STYLE

**T1** Round Bat      **T9** Long Black Plastic .492" length  
**T2** Round Short Bat      **P1** Plastic Anti-Static .496" length  
**P2** Plastic Anti-Static .299" length

### 5 BUSHING

**B1** Threaded, Keyway      **B4** Unthreaded, Short, Keyway, Flat

### 6 TERMINATION

<b>M1</b> <sup>4</sup> Solder Lug	<b>VS21</b> Vertical, Snap-In, .460" [11.70mm]
<b>M2</b> PCB	<b>VS3</b> Vertical, .630" [16mm]
<b>M3</b> Quick Connect	<b>VS31</b> Vertical, Snap-In, .630" [16mm]
<b>M51</b> Wire Wrap, .750" [19.05mm]	<b>U2</b> Vertical, .551" [14mm] - only 3PDT
<b>M52</b> Wire Wrap, .964" [24.48mm]	<b>VS4</b> Vertical, .461" [11.70mm]
<b>M53</b> Wire Wrap, .425" [10.80mm]	<b>VS41</b> Vertical, Snap-In, .461" [11.70mm]
<b>M54</b> Wire Wrap, 1.062" [25.97mm]	<b>U4</b> Vertical, .551" [14mm] - only 3PDT
<b>M6</b> Right Angle, PC Thru-Hole	<b>VS5</b> Vertical, .630" [16mm]
<b>M61</b> Right Angle, Snap-In	<b>VS51</b> Vertical, Snap-In, .630" [16mm]
<b>M7</b> Vertical, Right Angle, PC Thru-Hole	
<b>M71</b> Vertical, Right Angle, Snap-In	
<b>VS2</b> Vertical, .461" [11.70mm]	

### 7 CONTACTS / TERMINALS

Contact Material	Terminal Plating	Rating	Approvals
<b>G</b> silver <sup>1</sup>	gold over silver	5A 125VAC or 28VDC, 2A 250VAC	eT <sub>us</sub> , IP67
<b>K</b> gold <sup>2</sup>	tin <sup>3,4</sup>	0.4VA max 20V max (AC/DC)	IP67
<b>P</b> silver <sup>1</sup>	tin <sup>3,4</sup>	5A 125VAC or 28VDC, 2A 250VAC	eT <sub>us</sub> , IP67
<b>R</b> gold <sup>2</sup>	gold <sup>2</sup>	0.4VA max 20V max (AC/DC)	IP67

### 8 EPOXY SEAL

**E** Epoxy Seal      **0** without Epoxy Seal

#### Notes:

- B1 Bushing switches supplied with (2) 2M1-HDW2 nuts, (1) 2M1-HDW11 washer and (1) 2M1-HDW15 locking ring. See page 76-77.
- 1 Movable contact & terminal platings: silver over copper alloy
- 2 Movable contact & terminal platings: gold over nickel over copper alloy
- 3 Terminal platings: tin over nickel over copper alloy
- 4 Tin option not available with M1 terminal

# 2M1 - SP 1 - T1 - B1 - M1 Q E

1 Series      2 Poles      3 Circuit      4 Actuator Style      5 Bushing      6 Termination      7 Contacts      8 Seal

### 1 SERIES

**2M1** Miniature Toggle Switch

### 2 POLES

**SP** Single pole - uses terminals 1, 2 & 3  
**DP** Double pole - uses terminals 1, 2, 3, 4, 5 & 6  
**3P** Three pole - uses terminals 1, 2, 3, 4, 5, 6, 7, 8 & 9  
**4P** Four pole - uses terminals 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 & 12

### 3 CIRCUIT

( ) - momentary

Position:	1	2	3
	2-3, 5-6, 8-9, 11-12	Connected Terminals	2-1, 5-4, 8-7, 11-10
1	ON	NONE	ON
2	ON	NONE	(ON)
3	ON	OFF	ON
4	(ON)	OFF	(ON)
5	ON	OFF	(ON)
6*	ON	ON	ON
7*	(ON)	ON	(ON)
8*	ON	ON	(ON)

\*Available with DP and 4P switches only. Center position connects 2-3, 5-4, 8-9, 11-10

### 4 ACTUATOR STYLE

**T1** Round Bat      **T7** Large Bat (B0 bushing)  
**T2** Round Short Bat      **T8** X-Large Bat (B0 bushing)  
**T3** Paddle      **T9** Black Plastic  
**T4** Medium Paddle      **T0** Rectangular  
**T5** Long Paddle      **TA** Locking Lever  
**T6** Flat (B1,B2,B5,BA,BB,BE)      **TI** Locking Lever  
**TL** Locking Lever

### 5 BUSHING

**B1** Threaded Standard, keyway      **B8** Metric  
**B2** Non-Threaded Standard, keyway      **B9** Splashproof  
**B3** Threaded Short, keyway      **B0** 15/32" Threaded (Standard for T7 & T8 actuator styles)  
**B4** Non-Threaded Short, keyway      **BA** Threaded for T6  
**B5** High Torque, 7.5mm, flat      **BB** Non-Threaded for T6  
**B6** High Torque, 8.0mm, keyway      **BE** Threaded Hi Torque for T6  
**B7** Long threaded      **BL** Threaded, Locking

### 6 TERMINATION

<b>M1</b> <sup>4</sup> Solder Lug	<b>M71</b> Vertical, Right Angle, Snap-In
<b>M2</b> PCB	<b>VS2</b> Vertical, .461" [11.70mm]
<b>M3</b> Quick Connect	<b>VS21</b> Vertical, Snap-In, .461" [11.70mm]
<b>M51</b> Wire Wrap, .750" [19.05mm]	<b>VS3</b> Vertical, .630" [16mm]
<b>M52</b> Wire Wrap, .964" [24.48mm]	<b>VS31</b> Vertical, Snap-In, .630" [16mm]
<b>M53</b> Wire Wrap, .425" [10.80mm]	<b>VS4</b> Vertical, .461" [11.70mm]
<b>M54</b> Wire Wrap, 1.062" [25.97mm]	<b>VS41</b> Vertical, Snap-In, .461" [11.70mm]
<b>M6</b> Right Angle, PC Thru-Hole	<b>VS5</b> Vertical, .630" [16mm]
<b>M61</b> Right Angle, Snap-In	<b>VS51</b> Vertical, Snap-In, .630" [16mm]
<b>M7</b> Vertical, Right Angle, PC Thru-Hole	

### 7 CONTACTS / TERMINALS

Contact Material	Terminal Plating	Rating	Approvals
<b>G</b> silver <sup>1</sup>	gold over silver	5A 125VAC or 28VDC, 2A 250VAC	eT <sub>us</sub> , IP67
<b>K</b> gold <sup>2</sup>	tin <sup>3,4</sup>	0.4VA max 20V max (AC/DC)	N/A
<b>P</b> silver <sup>1</sup>	tin <sup>3,4</sup>	5A 125VAC or 28VDC, 2A 250VAC	eT <sub>us</sub> , IP67
<b>Q</b> silver <sup>1</sup>	silver <sup>1</sup>	5A 125VAC or 28VDC, 2A 250VAC	eT <sub>us</sub> , IP67
<b>R</b> gold <sup>2</sup>	gold <sup>2</sup>	0.4VA max 20V max (AC/DC)	N/A

### 8 EPOXY SEAL

**E** Epoxy Seal      **0** without Epoxy Seal

#### Notes:

- B1 Bushing switches supplied with (2) 2M1-HDW2 nuts, (1) 2M1-HDW11 washer and (1) 2M1-HDW15 locking ring.
- 1 Movable contact & terminal platings: silver over copper alloy
- 2 Movable contact & terminal platings: gold over nickel over copper alloy
- 3 Terminal platings: tin over nickel over copper alloy
- 4 Tin option not available with M1 terminal

**2M-Series Accessories**

To order accessories assembled on a switch, specify the switch number followed by the accessory part number and the word "assembled". Ex: 2M1-SP1-T1-B1-M1QE-T12 ASSEMBLED. To order accessories in bulk, specify the Series, followed by the accessory. Ex: 2M1-T12. See page 76 for dimensional specifications.

**Optional Toggle Cap**

**2M1** - **T1** **2**

<sup>1</sup> Series                      <sup>2</sup> Toggle Cap Size                      <sup>3</sup> Color

**1 SERIES**  
**2M1** Fits 2M1H, 2MS or 2M1

**3 CAP COLOR**

<b>1</b>	White	<b>5</b>	Yellow
<b>2</b>	Black	<b>6</b>	Green
<b>3</b>	Red	<b>7</b>	Blue

**2 TOGGLE CAP SIZE**  
**T1** 10.6 mm                      **T2** 7.6 mm

**Optional Dress and Knurled Nuts**

**2M1** - **HDW3**

<sup>1</sup> Series                      <sup>2</sup> Nut

**1 SERIES**  
**2M1** Fits 2M1H, 2MS or 2M1

**2 NUT**  
**HDW3** Dress nut for 1/4" bushing  
**HDW5** Knurled nut for 15/32" bushing (2M1-Series only)

**Optional Rubber Seals**

**2M1** - **E1A**

<sup>1</sup> Series                      <sup>2</sup> Rubber Boot Seal

**1 SERIES**  
**2M1** Fits 2M1H, 2MS or 2M1

**2 RUBBER BOOT SEAL**  
**E1A** 1/4 - 40" UNS bushing (Not available for B0 bushing option)  
**K1** Metric M6 bushing (B8 bushing only)  
**YE1D** 15/32 - 32" UNS bushing (TJ, TK and B0 bushings only)  
**YE1E** 15/32 - 32" UNS bushing 1/2 boot (T7, T8, TJ, TK and B0 bushings only)

**3MNH** - **WCP-0872**

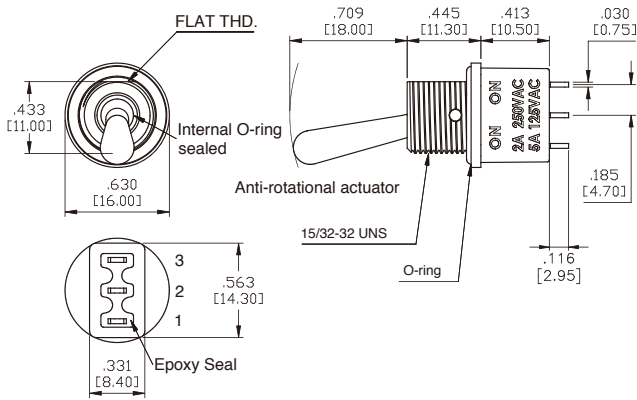
<sup>1</sup> Series                      <sup>2</sup> Rubber O-Ring

**1 SERIES**  
**3MNH** Fits 3MNH or 2M1H

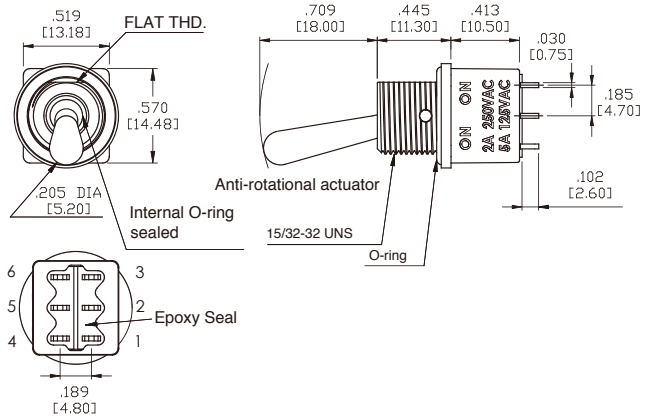
**2 RUBBER O-RING**  
**WCP-0872** For 15/32 bushing option

## 2M1H-Series Dimensional Specifications: in. [mm]

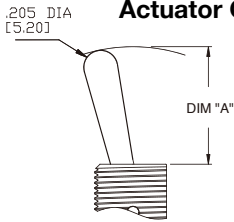
### Single Pole



### Double Pole

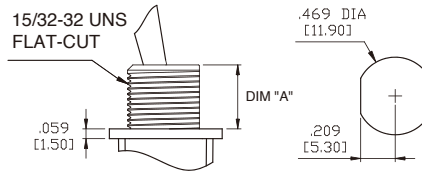


### Actuator Options



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

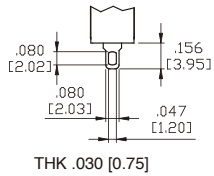
### Bushing Options & Mounting



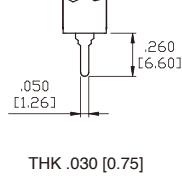
OPTION CODE	DIM. "A"
BK	.386 [9.80]

### Termination Options

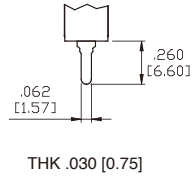
#### M1 Standard Solder Lug



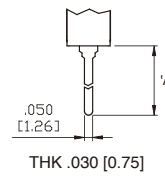
#### M2 PC Thru-Hole



#### M3 Quick Connect



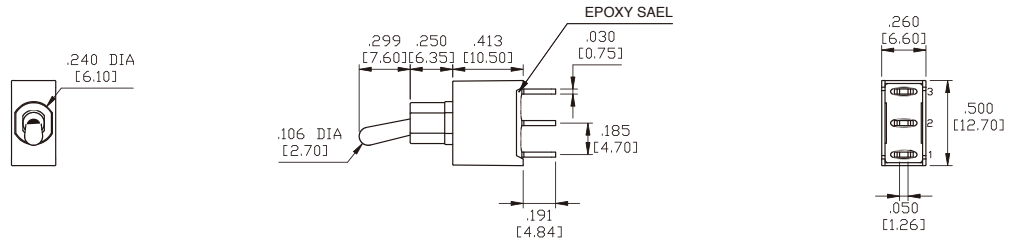
#### M5 Wire Wrap



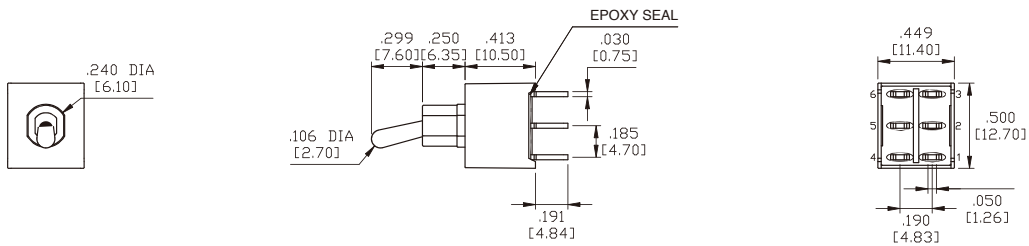
OPTION CODE	DIM. "A"
M5-1	.750 [19.05]
M5-2	.964 [24.48]
M5-3	.425 [10.80]
M5-4	1.062 [26.97]

## 2MS-Series Dimensional Specifications: in. [mm]

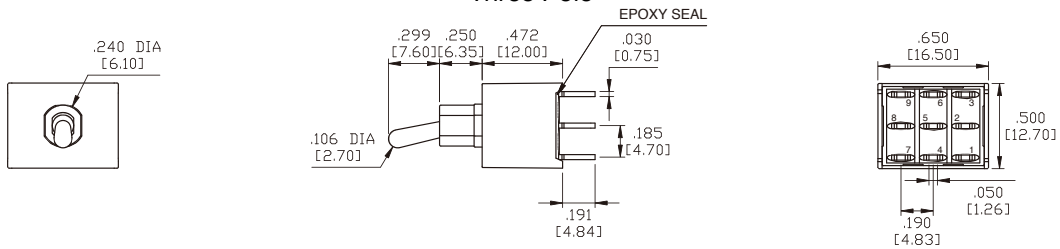
### Single Pole



### Double Pole

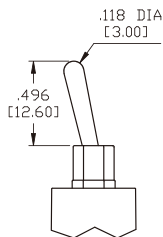


### Three Pole

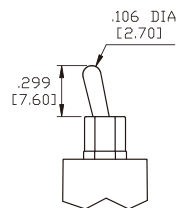


### Actuator Options

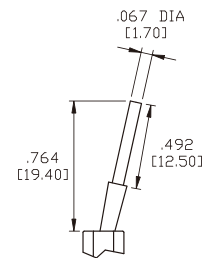
#### T1



#### T2

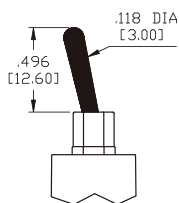


#### T9 with Plastic Cap

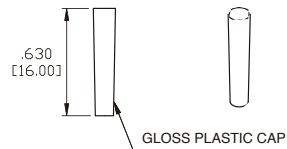
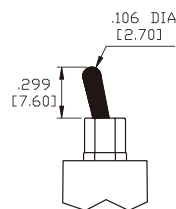


NO.	COLOR
1	White
2	Black(std.)
3	Red
4	Orange
5	Yellow
6	Green
7	Blue
8	Brown
9	Gray

#### P1 Plastic Toggle



#### P2 Plastic Toggle

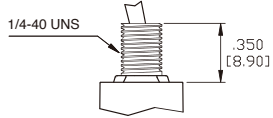


\* Shown with B4 bushing. Subtract .075" (1.90 mm) from actuator height for B1 bushing.

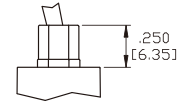
## 2MS-Series Dimensional Specifications: in. [mm]

### Bushing Options

**B1**

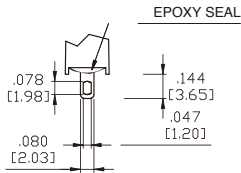


**B4**



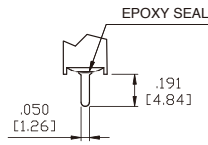
### Termination Options

**M1 Standard Solder Lug**



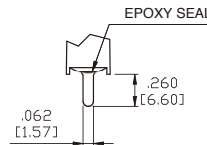
THK .030 [0.75]

**M2 PC Thru-Hole**



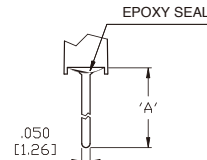
THK .030 [0.75]

**M3 Quick Connect**



THK .030 [0.75]

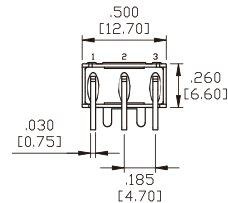
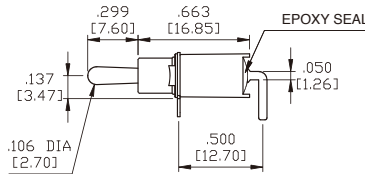
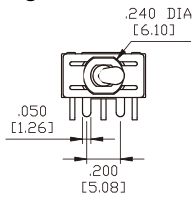
**M5 Wire Wrap**



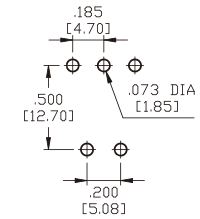
THK .030 [0.75]

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

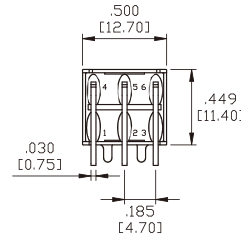
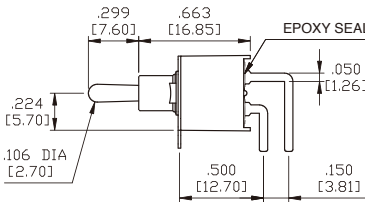
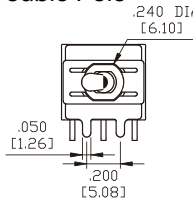
**M6 Single Pole**



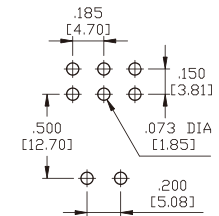
**P.C.MOUNTING**



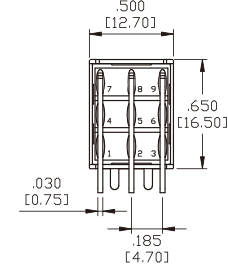
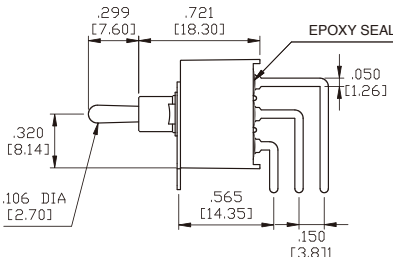
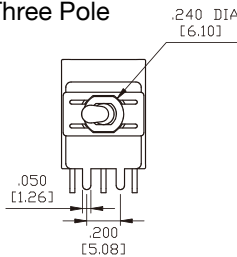
**M6 Double Pole**



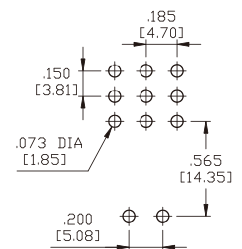
**P.C.MOUNTING**



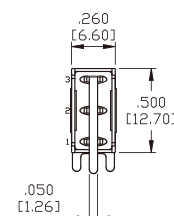
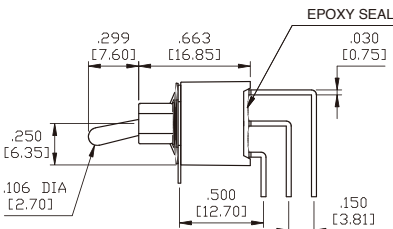
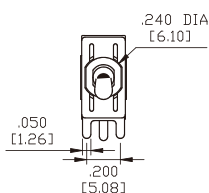
**M6 Three Pole**



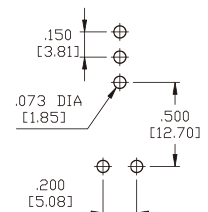
**P.C.MOUNTING**



**M7 Single Pole**



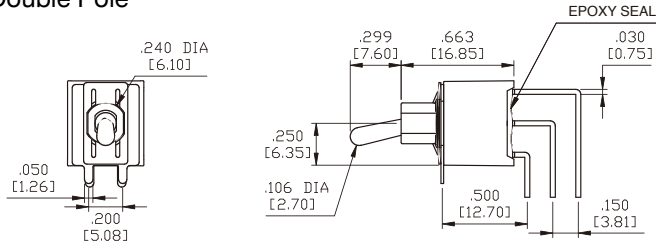
**P.C.MOUNTING**



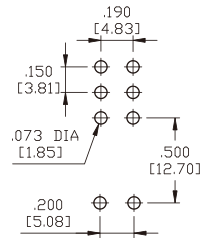
## 2MS-Series Dimensional Specifications: in. [mm]

### Termination Options

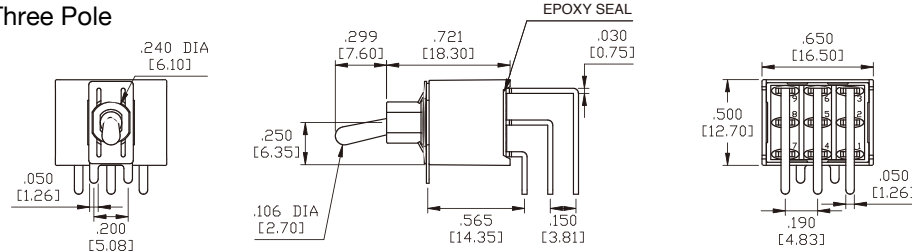
#### M7 Double Pole



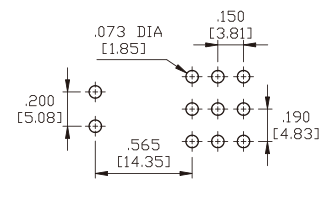
#### P.C.MOUNTING



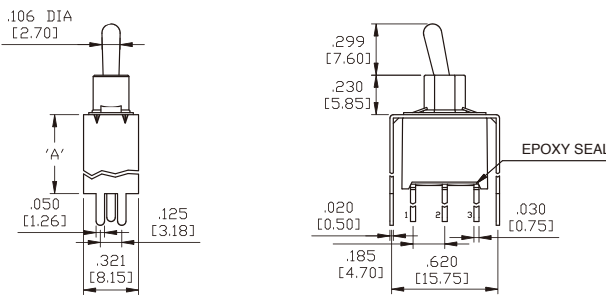
#### M7 Three Pole



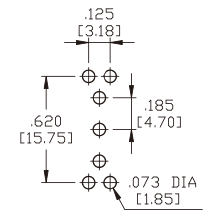
#### P.C.MOUNTING



#### VS2-VS3 Single Pole

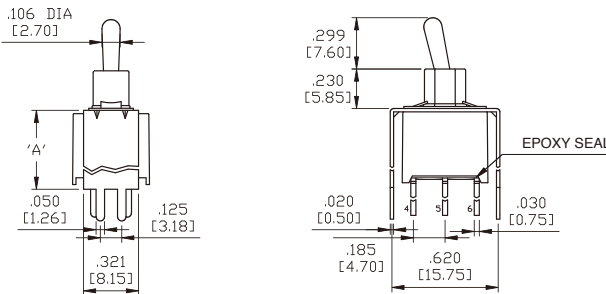


#### P.C.MOUNTING

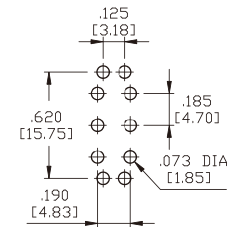


OPTION CODE	DIM.'A'
VS2	.461 [11.70]
VS3	.630 [16.00]

#### VS2-VS3 Double Pole

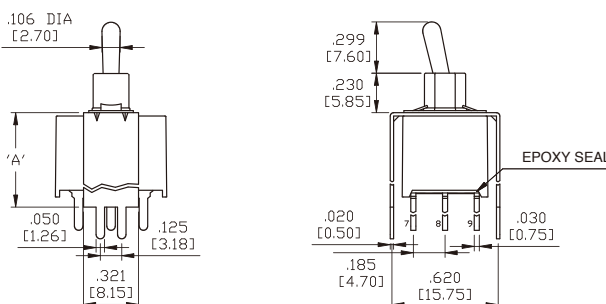


#### P.C.MOUNTING

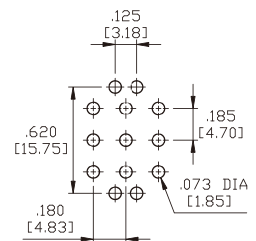


OPTION CODE	DIM.'A'
VS2	.461 [11.70]
VS3	.630 [16.00]

#### U2-VS3 Three Pole



#### P.C.MOUNTING



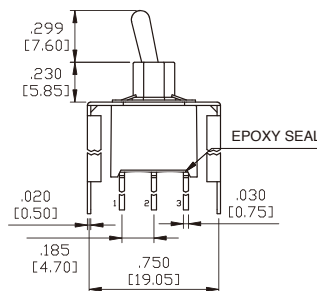
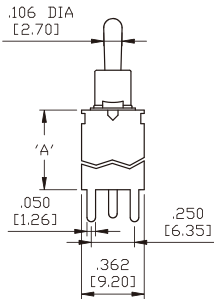
OPTION CODE	DIM.'A'
U2	.551 [14.00]
VS3	.630 [16.00]



## 2MS-Series Dimensional Specifications: in. [mm]

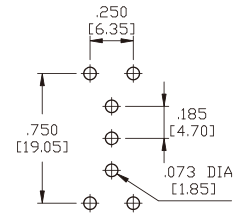
### Termination Options

#### VS4-VS5 Single Pole

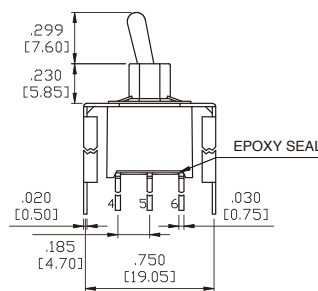
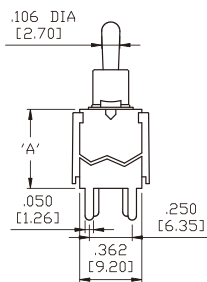


OPTION CODE	DIM.'A'
<b>VS4</b>	.461 [11.70]
<b>VS5</b>	.630 [16.00]

#### P.C.MOUNTING

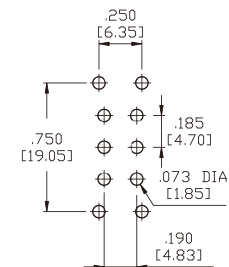


#### VS4-VS5 Double Pole

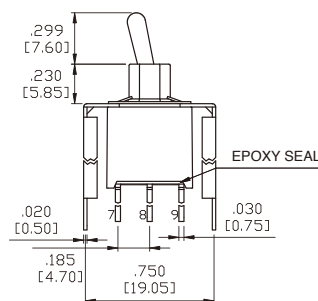
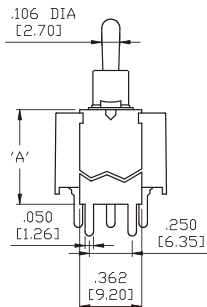


OPTION CODE	DIM.'A'
<b>VS4</b>	.461 [11.70]
<b>VS5</b>	.630 [16.00]

#### P.C.MOUNTING

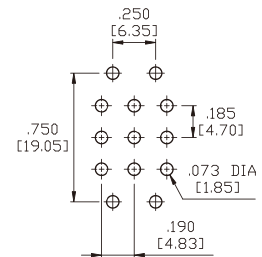


#### U4-VS5 Three Pole



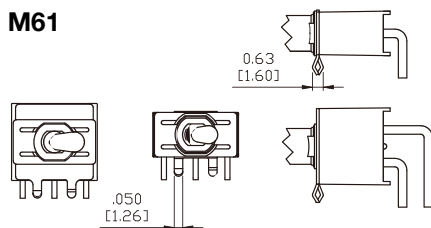
OPTION CODE	DIM.'A'
<b>U4</b>	.551 [14.00]
<b>VS5</b>	.630 [16.00]

#### P.C.MOUNTING

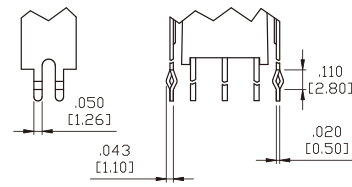


### Snap-In Termination Options

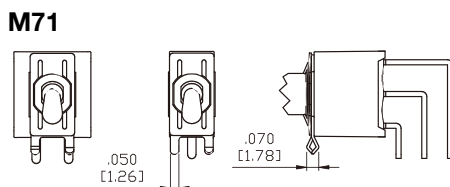
#### M61



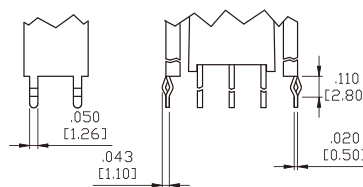
#### VS21, VS31



#### M71

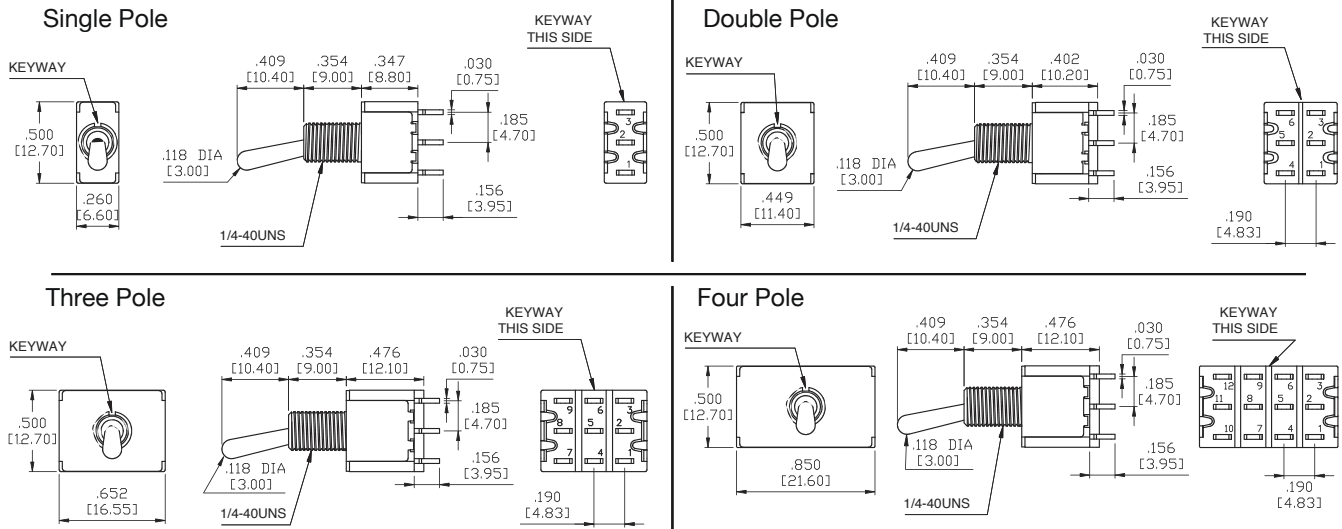


#### VS41, VS51

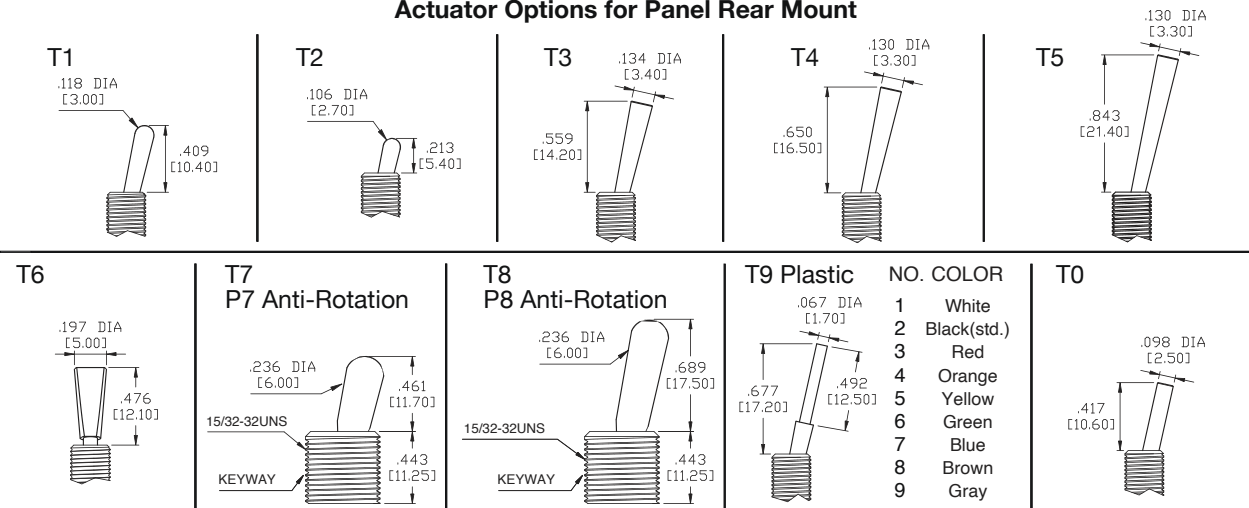


\* PC Mounting for M61, M71, VS21, VS31, VS41, VS51 refer to M6, M7, VS2, VS3, VS4, VS5 respectively.

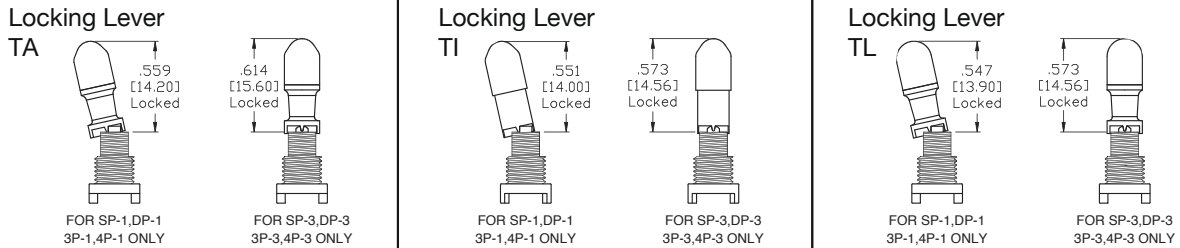
## 2M1-Series Dimensional Specifications: in. [mm]



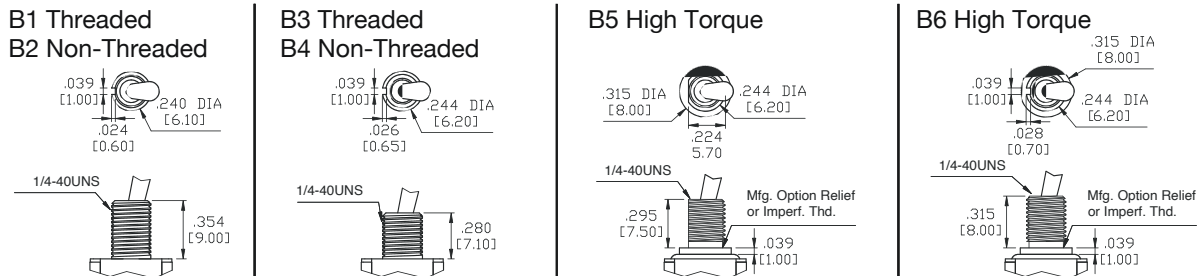
### Actuator Options for Panel Rear Mount



\* T6 actuator is available with B1, B2, B5, B6, BA, BB & BE bushing. Actuator length shown for T1 – T5, T9 and T10 is with B1 bushing. T7, P7, T8 & P8 does not require a bushing code.



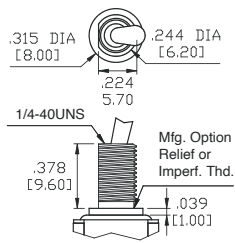
### Bushing Options



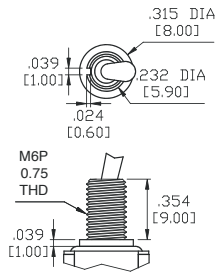
## 2M1-Series Dimensional Specifications: in. [mm]

### Bushing Options

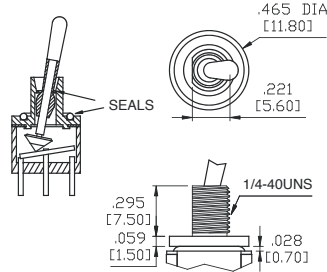
B7 Long



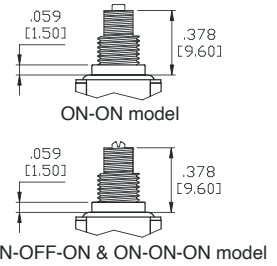
B8 Metric



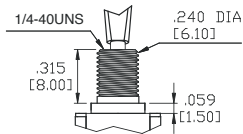
B9 Splash-Proof



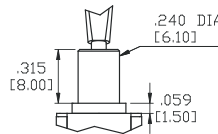
BL Locking Lever



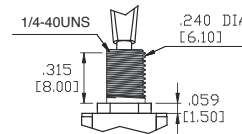
BA Threaded for T6



BB Non-Threaded for T6

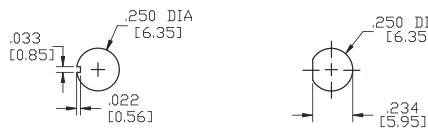


BB High Torque for T6

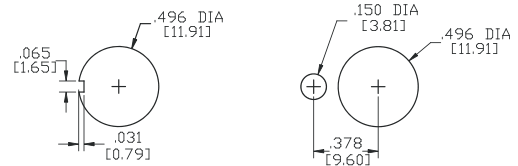


### Panel Mounting

1/4 INCH BUSHING

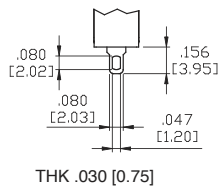


15/32 INCH BUSHING

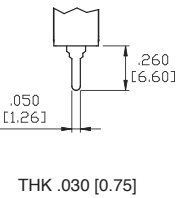


### Termination Options

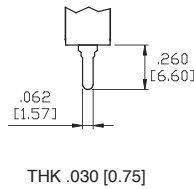
M1 Standard Solder Lug



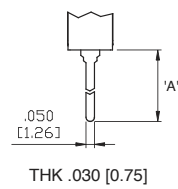
M2 PC Thru-Hole



M3 Quick Connect

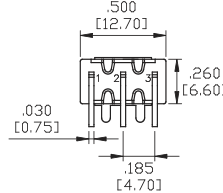
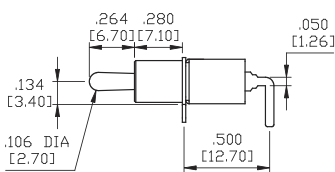
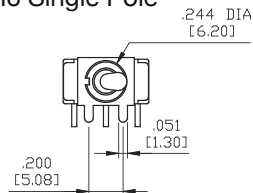


M5 Wire Wrap

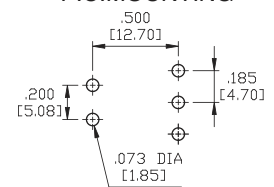


OPTION CODE	DIM.'A'
M5-1	.750 [19.05]
M5-2	.964 [24.48]
M5-3	.425 [10.80]
M5-4	1.062 [26.97]

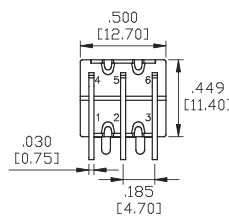
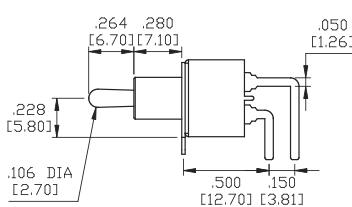
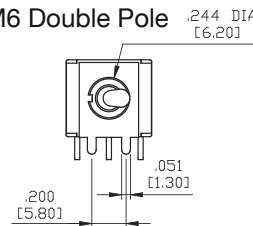
M6 Single Pole



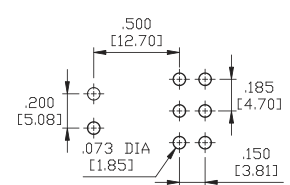
P.C. MOUNTING



M6 Double Pole



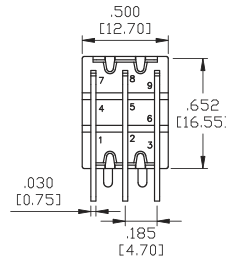
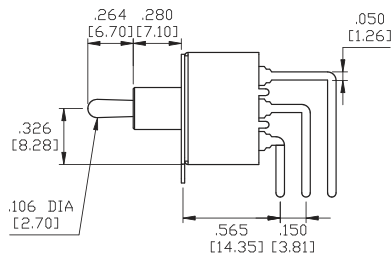
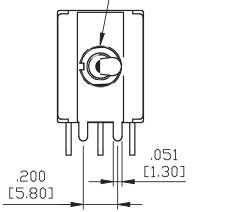
P.C. MOUNTING



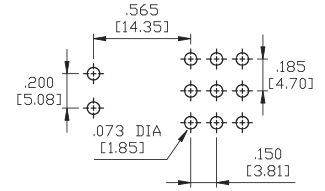
## 2M1-Series Dimensional Specifications: in. [mm]

### Termination Options

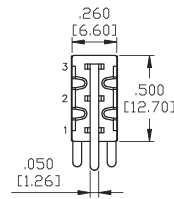
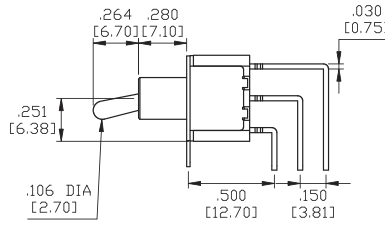
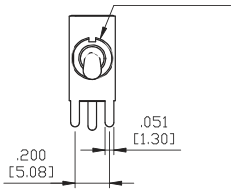
**M6 Three Pole** .244 DIA [6.20]



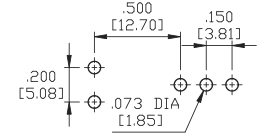
**P.C.MOUNTING**



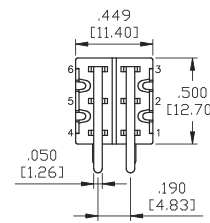
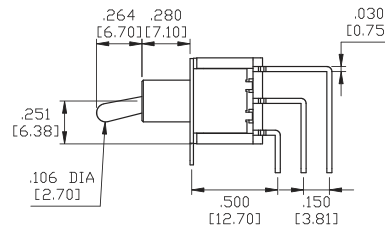
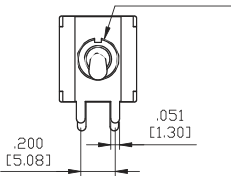
**M7 Single Pole** .244 DIA [6.20]



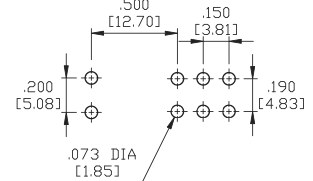
**P.C.MOUNTING**



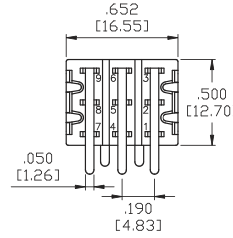
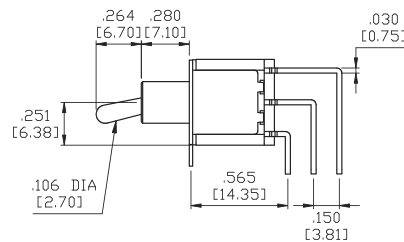
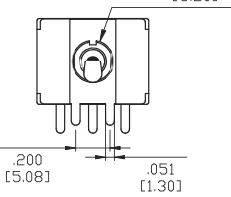
**M7 Double Pole** .244 DIA [6.20]



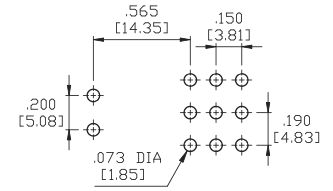
**P.C.MOUNTING**



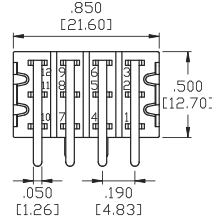
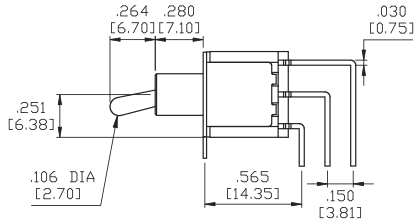
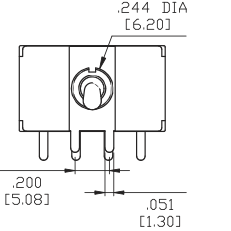
**M7 Three Pole** .244 DIA [6.20]



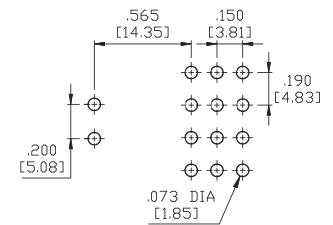
**P.C.MOUNTING**



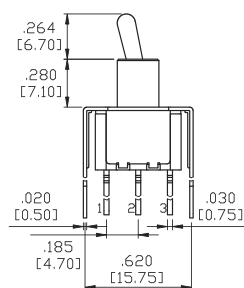
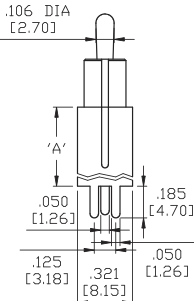
**M7 Four Pole** .244 DIA [6.20]



**P.C.MOUNTING**

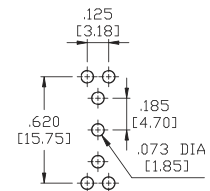


**VS2-VS3 Single Pole**



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

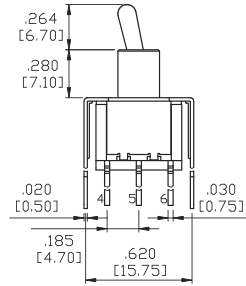
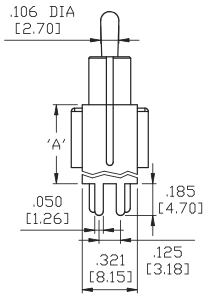
**P.C.MOUNTING**



## 2M1-Series Dimensional Specifications: in. [mm]

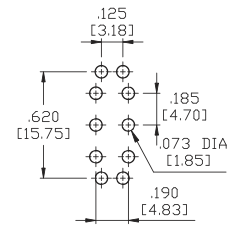
### Termination Options

#### VS2-VS3 Double Pole

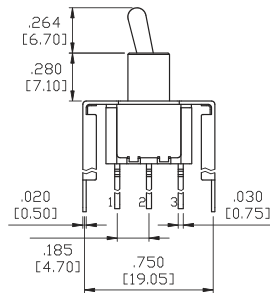
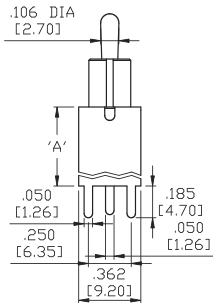


OPTION CODE	DIM. 'A'
VS2	.461 [11.70]
VS3	.630 [16.00]

#### P.C.MOUNTING

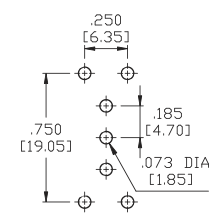


#### VS4-VS5 Single Pole

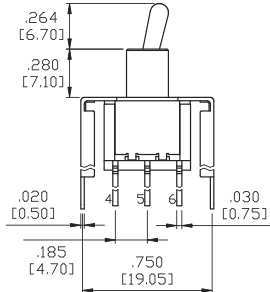
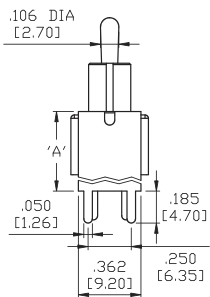


OPTION CODE	DIM. 'A'
VS4	.461 [11.70]
VS5	.630 [16.00]

#### P.C.MOUNTING

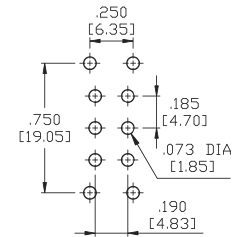


#### VS4-VS5 Double Pole



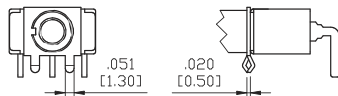
OPTION CODE	DIM. 'A'
VS4	.461 [11.70]
VS5	.630 [16.00]

#### P.C.MOUNTING

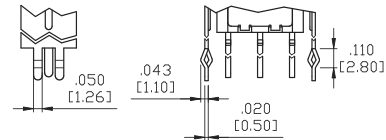


### Snap-In Termination Options

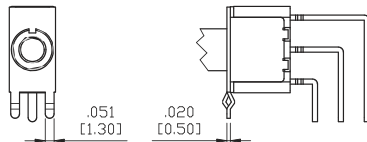
#### M61 (available with SP & DP)



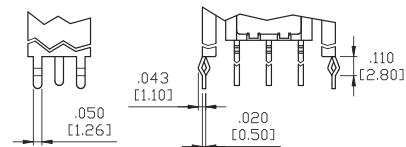
#### VS21, VS31



#### M71 (available with SP & DP)



#### VS41, VS51



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

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