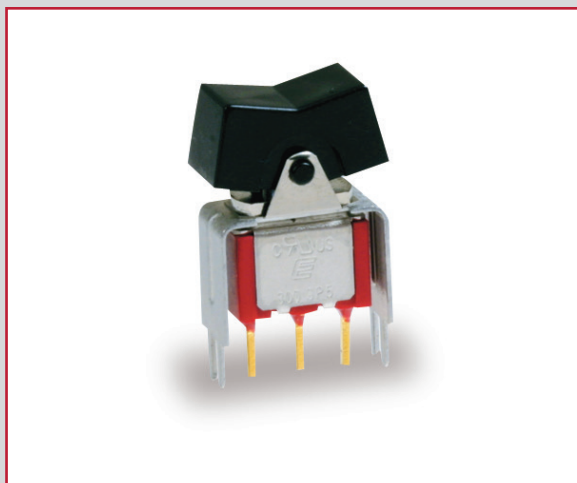




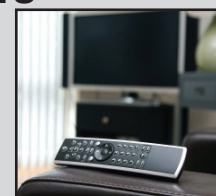
## APPLICATIONS / MARKETS



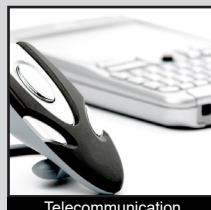
Testing Equipment



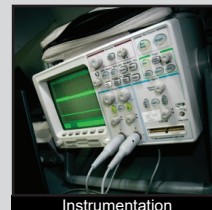
Computer Peripherals



Consumer Electronics



Telecommunication



Instrumentation



Medical Equipment

# RoHS

## SPECIFICATIONS

### Contact Rating:

Silver: 5A @ 120VAC or 28 VDC  
2A @ 250VAC

Gold: 0.4VA @ 20V Max (AC or DC)

**Electrical Life:** 6,000 make or break cycles at full load

**Mechanical Life:** 40,000 make or break cycles

**Contact Resistance:** 10mΩ max. initial @ 2-4VDC,  
100mA for both silver and gold plated contacts

**Insulation Resistance:** 1,000MΩ min.

**Dielectric Strength:** 1,000 V RMS @ sea level

**Operating Temperature:** -40°C to 85°C

## FEATURES & BENEFITS

- Multiple rocker & paddle options
- Up to 4 poles
- Multiple termination options
- Snap-in panel mount option available

## PART NUMBER CONFIGURATOR

| Series               | Model No.            | Acuator              | Actuator Color**     | Termination          | Contact Material     | Seal                 | Frame Color          |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| 300                  | SP1                  | <u>Panel Mount</u>   | <u>Panel Mount</u>   | <u>Panel Mount</u>   | Q - Silver           | E - Epoxy            | (R6, R7 Only)        |
|                      | SP2                  | R1                   | BLK - Black          | M1                   | R - Gold             | sealed at base       | BLK - Black          |
|                      | SP3                  | R2                   | WHT - White          | M3                   |                      | of terminal          | WHT - White          |
|                      | SP4                  | R3                   | RED - Red            | M51                  |                      |                      | RED - Red            |
|                      | SP5                  | R4                   | YEL - Yellow         | M52                  |                      |                      | YEL - Yellow         |
|                      | DP1                  | R6*                  | GRY - Gray           | M53                  |                      |                      | GRY - Gray           |
|                      | DP2                  | R7*                  |                      | M54                  |                      |                      |                      |
|                      | DP3                  | R8*                  | <u>PC Mount</u>      |                      |                      |                      |                      |
|                      | DP4                  | R9*                  | BLK - Black          | <u>PC Mount</u>      |                      |                      |                      |
|                      | DP5                  | R11                  | WHT - White          | M2                   |                      |                      |                      |
|                      | DP6                  | R16                  | RED - Red            | M6                   |                      |                      |                      |
|                      | DP7                  |                      | YEL - Yellow         | M7                   |                      |                      |                      |
|                      | DP8                  |                      | GRY - Gray           | VS2                  |                      |                      |                      |
|                      | 3P1                  | *Snap-in             |                      | VS3                  |                      |                      |                      |
|                      | 3P2                  | Panel Mount          |                      | VS4                  |                      |                      |                      |
|                      | 3P3                  | <u>PC Mount</u>      |                      | VS5                  |                      |                      |                      |
|                      | 3P4                  | J1                   |                      | M61                  |                      |                      |                      |
|                      | 3P5                  | J2                   |                      | VS21                 |                      |                      |                      |
|                      | 4P1                  | J3                   |                      |                      |                      |                      |                      |
|                      | 4P2                  | J4                   |                      |                      |                      |                      |                      |
|                      | 4P3                  | J5                   |                      |                      |                      |                      |                      |
|                      | 4P4                  | J6                   |                      |                      |                      |                      |                      |
|                      | 4P5                  |                      |                      |                      |                      |                      |                      |
|                      | 4P6                  |                      |                      |                      |                      |                      |                      |

Specifications subject to change without notice 5.16.2023



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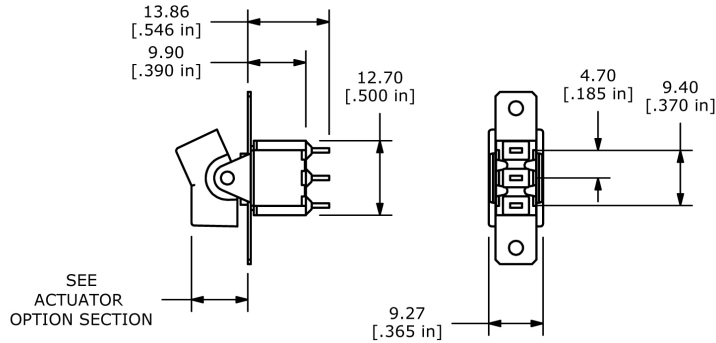
1

# 300 SERIES ROCKER SWITCH

## Switch Functions

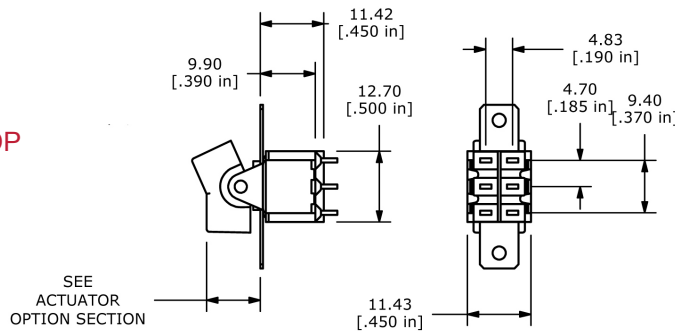
( ) = momentary

### Single Pole - SP



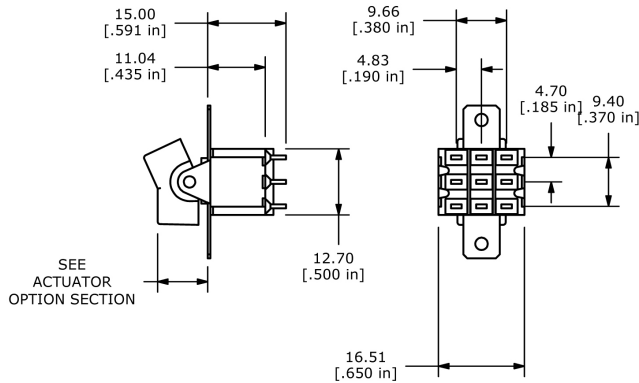
| MODEL NO.   | POS. 1 | POS. 2 | POS. 3 |
|-------------|--------|--------|--------|
| SP1         | ON     | NONE   | ON     |
| SP2         | ON     | NONE   | (ON)   |
| SP3         | ON     | OFF    | ON     |
| SP4         | (ON)   | OFF    | (ON)   |
| SP5         | ON     | OFF    | (ON)   |
| Term. Comm. | 2-3    | OPEN   | 2-1    |

### Double Pole - DP



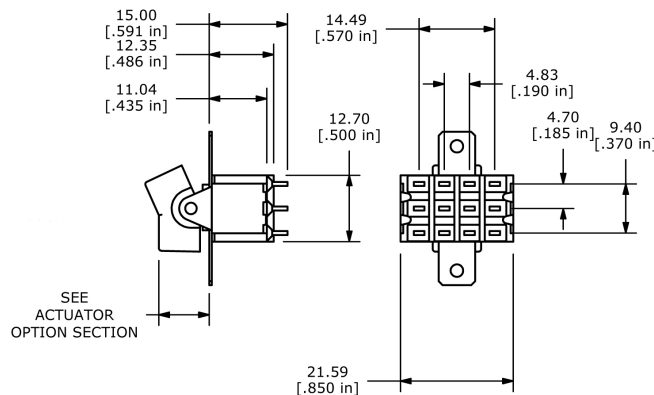
| MODEL NO.   | POS. 1   | POS. 2   | POS. 3   |
|-------------|----------|----------|----------|
| DP1         | ON       | NONE     | ON       |
| DP2         | ON       | NONE     | (ON)     |
| DP3         | ON       | OFF      | ON       |
| DP4         | (ON)     | OFF      | (ON)     |
| DP5         | ON       | OFF      | (ON)     |
| DP7         | ON       | ON       | (ON)     |
| DP8         | (ON)     | ON       | (ON)     |
| Term. Comm. | 2-3, 5-6 | OPEN     | 2-1, 5-4 |
| Term. Comm. | 2-3, 5-6 | 2-3, 5-4 | 2-1, 5-4 |

### Triple Pole - 3P



| MODEL NO.   | POS. 1        | POS. 2 | POS. 3        |
|-------------|---------------|--------|---------------|
| 3P1         | ON            | NONE   | ON            |
| 3P2         | ON            | NONE   | (ON)          |
| 3P3         | ON            | OFF    | ON            |
| 3P4         | (ON)          | OFF    | (ON)          |
| 3P5         | ON            | OFF    | (ON)          |
| Term. Comm. | 2-3, 5-6, 8-9 | OPEN   | 2-1, 5-4, 8-7 |

### Four Pole - 4P



| MODEL NO.   | POS. 1               | POS. 2               | POS. 3               |
|-------------|----------------------|----------------------|----------------------|
| 4P1         | ON                   | NONE                 | ON                   |
| 4P2         | ON                   | NONE                 | (ON)                 |
| 4P3         | ON                   | OFF                  | ON                   |
| 4P4         | (ON)                 | OFF                  | (ON)                 |
| 4P5         | ON                   | OFF                  | (ON)                 |
| Term. Comm. | 2-3, 5-6, 8-9, 11-12 | OPEN                 | 2-1, 5-4, 8-7, 11-10 |
| 4P6         | ON                   | 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 |



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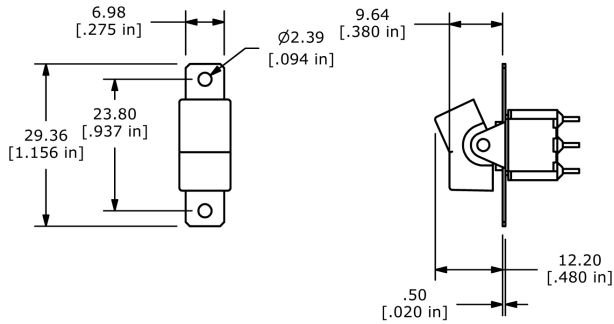
2

ANTI-VANDAL SWITCHES  
DETECTOR SWITCHES  
DIP SWITCHES  
KEYLOCK SWITCHES  
NAVIGATION SWITCHES  
PUSHBUTTON SWITCHES  
ROCKER SWITCHES  
ROTARY SWITCHES  
SLIDE SWITCHES  
SNAP ACTION SWITCHES  
TACTILE SWITCHES  
TOGGLE SWITCHES  
CAP OPTIONS

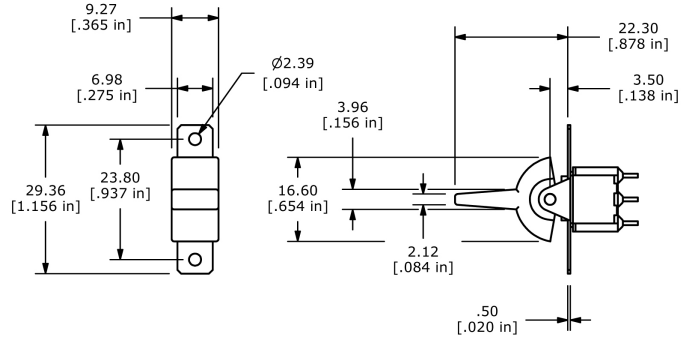
# 300 SERIES ROCKER SWITCH

## Panel Mount Actuator

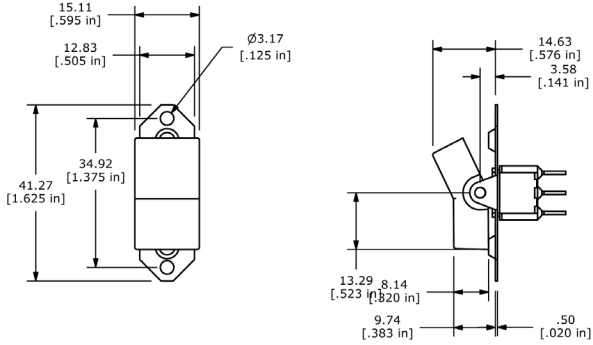
R1 Actuator



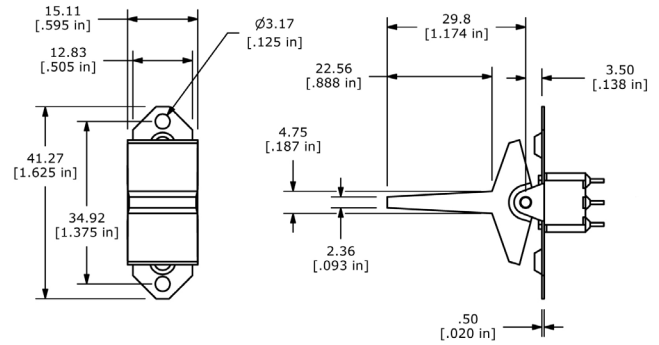
R2 Actuator



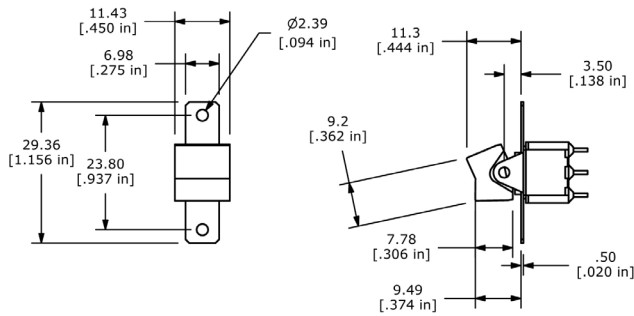
R3 Actuator



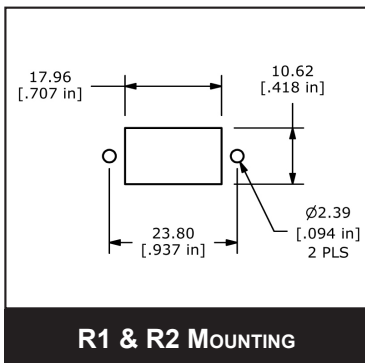
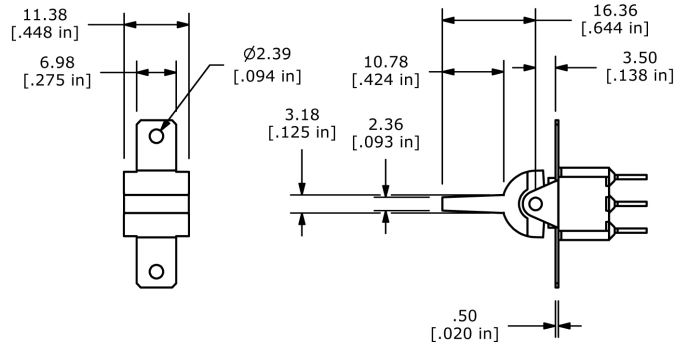
R4 Actuator



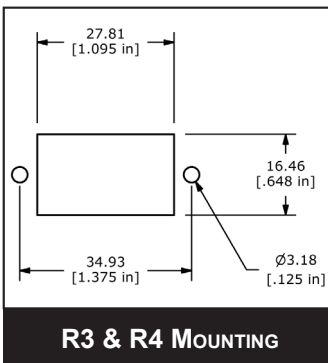
R11 Actuator



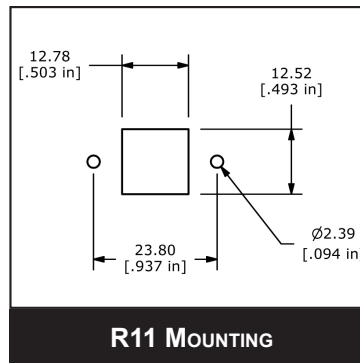
R16 Actuator



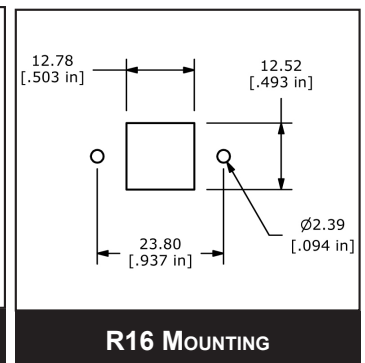
R1 & R2 MOUNTING



R3 & R4 MOUNTING



R11 MOUNTING



R16 MOUNTING



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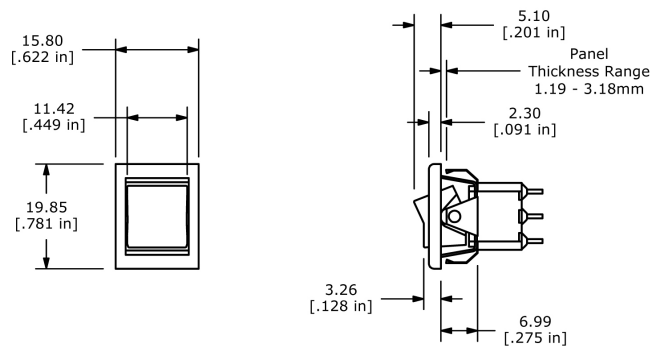
800.867.2717

3

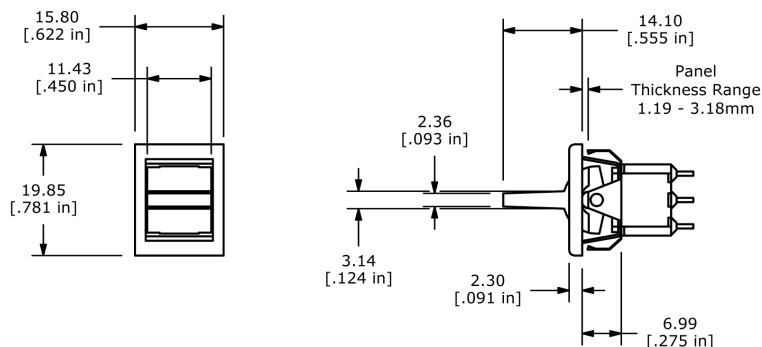
# 300 SERIES ROCKER SWITCH

## Snap-in Panel Mount Actuator

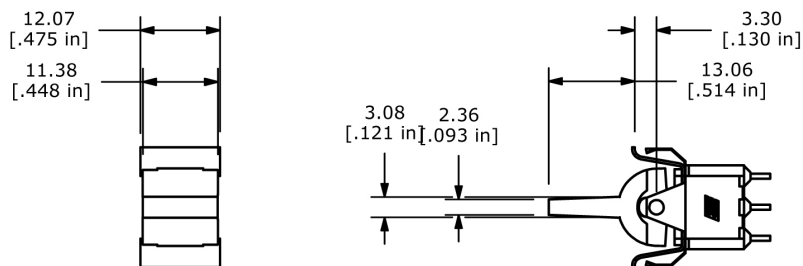
### R6 Actuator



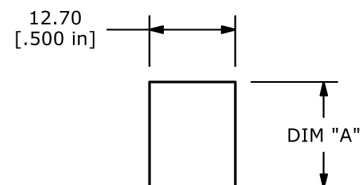
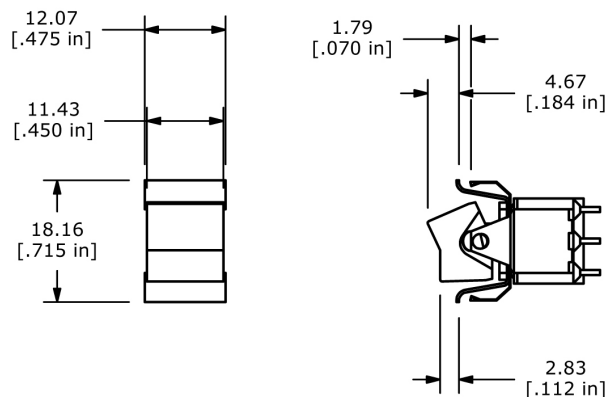
### R7 Actuator



### R8 Actuator



### R9 Actuator

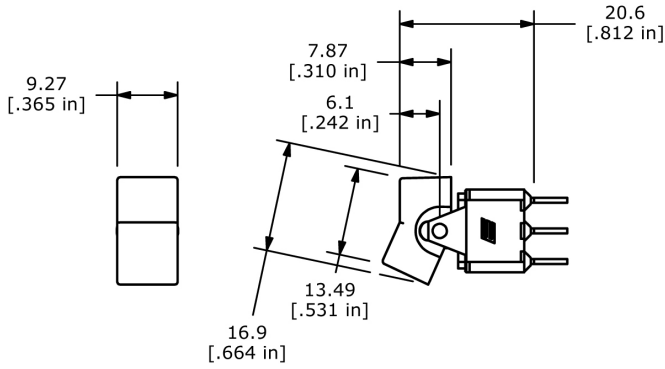


| ACTUATOR OPTION | PANEL THICKNESS       | DIM "A"      |
|-----------------|-----------------------|--------------|
| R6 or R7        | 1.19-1.51 [.047-.060] | 15.70 [.619] |
| R6 or R7        | 1.52-3.18 [.061-.125] | 15.85 [.624] |
| R8 or R9        | 1.19-2.29 [.047-.090] | 15.70 [.619] |
| R8 or R9        | 2.30-3.18 [.091-.125] | 15.85 [.624] |

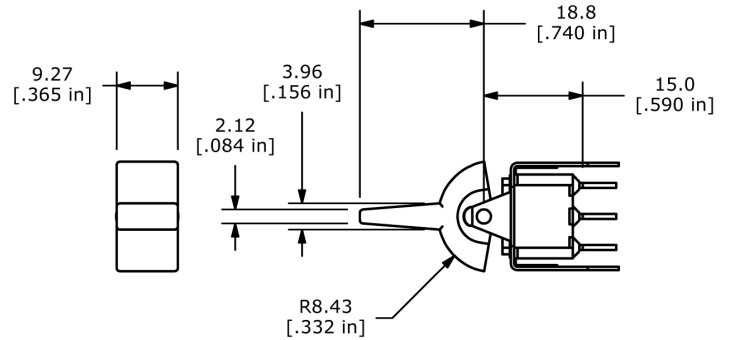


## PC Mount Actuator

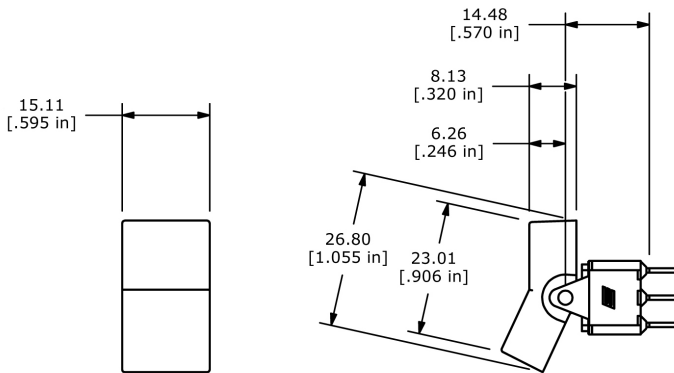
### J1 Actuator



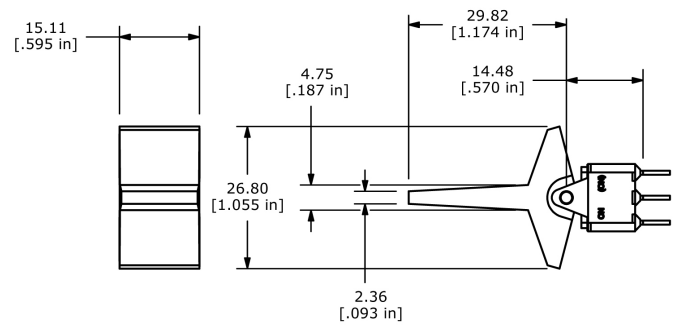
### J2 Actuator



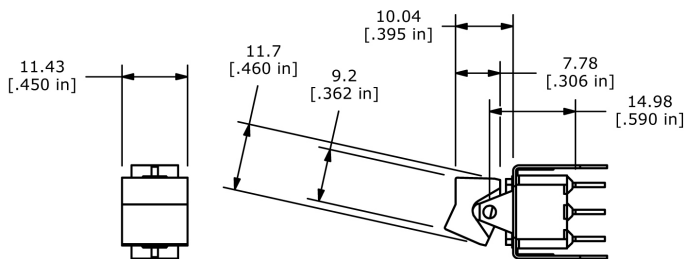
### J3 Actuator



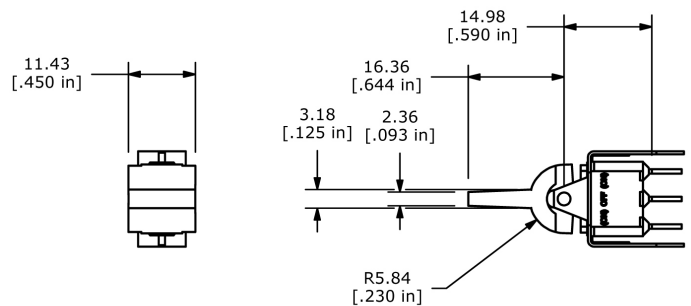
### J4 Actuator



### J5 Actuator

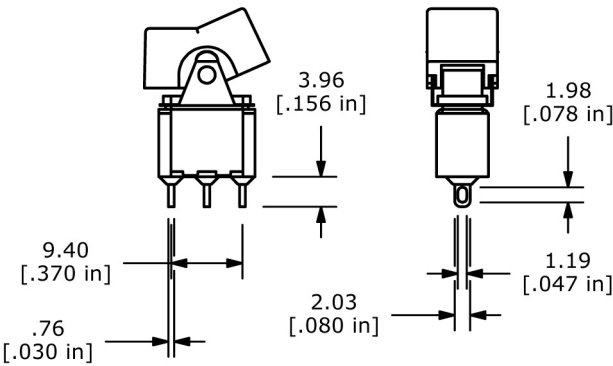


### J6 Actuator



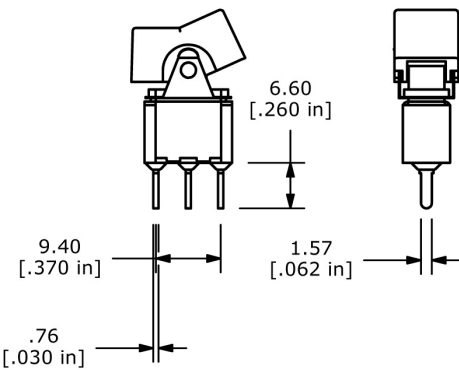
Panel Mount Termination

M1 Termination

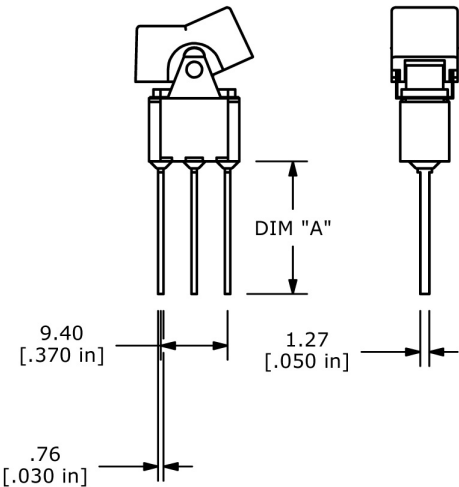


See Switch Function details (page 3) for complete terminal spacing dimensions for DP, 3P, and 4P switch models.

M3 Termination



M5 Termination



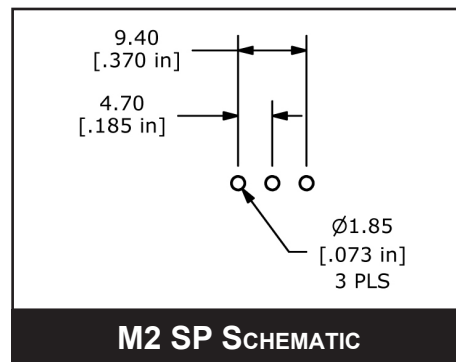
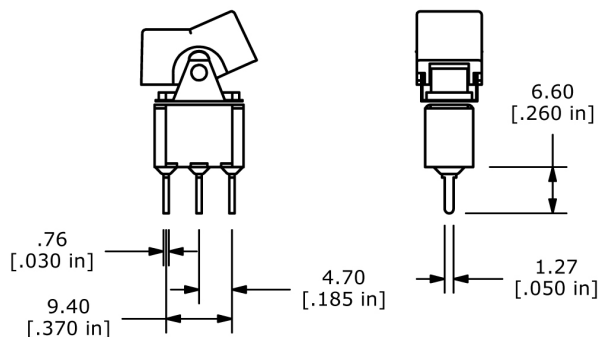
| OPTION | DIM "A"          |
|--------|------------------|
| M51    | 18.70<br>[.736]  |
| M52    | 24.20<br>[.953]  |
| M53    | 10.55<br>[.415]  |
| M54    | 26.97<br>[1.062] |



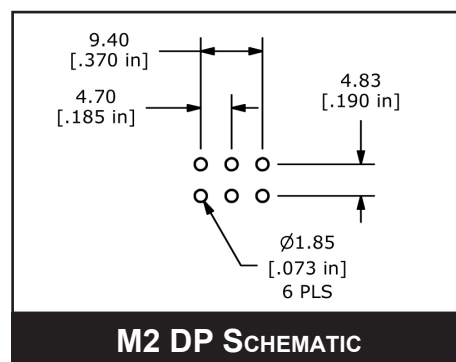
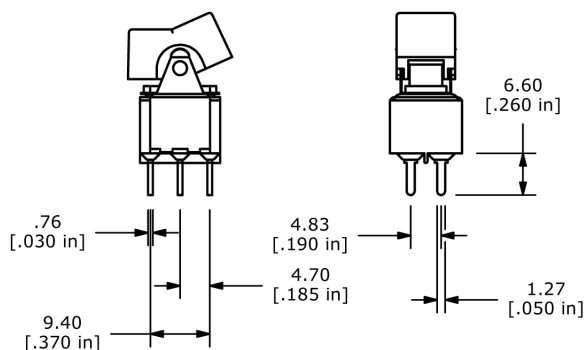
# 300 SERIES ROCKER SWITCH

## PC Mount M2 Termination

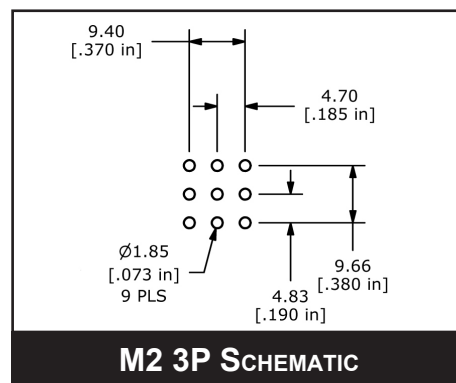
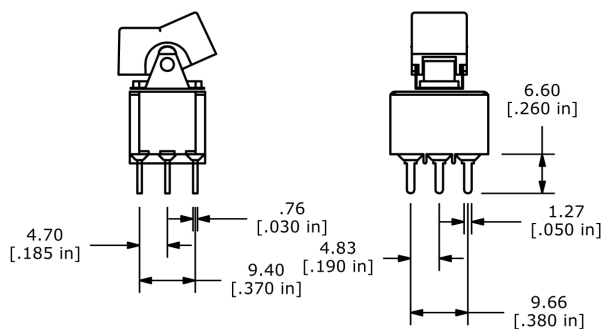
### M2 Termination - SP



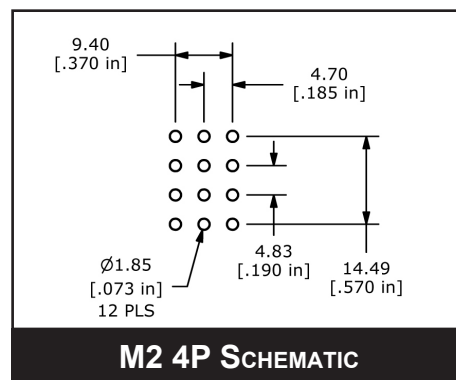
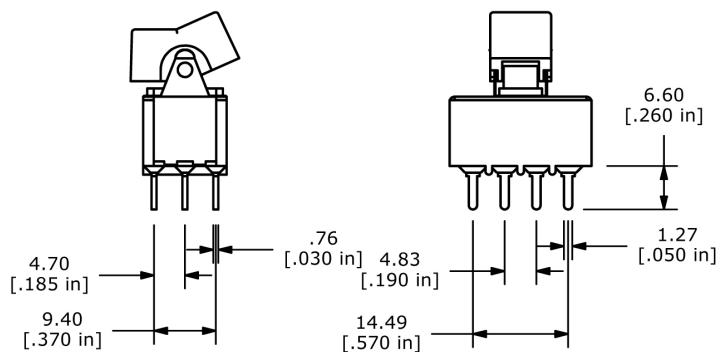
### M2 Termination - DP



### M2 Termination - 3P

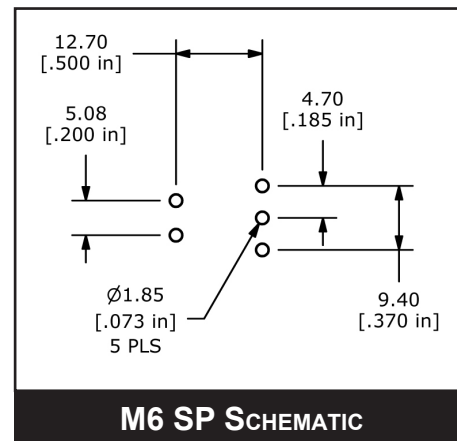
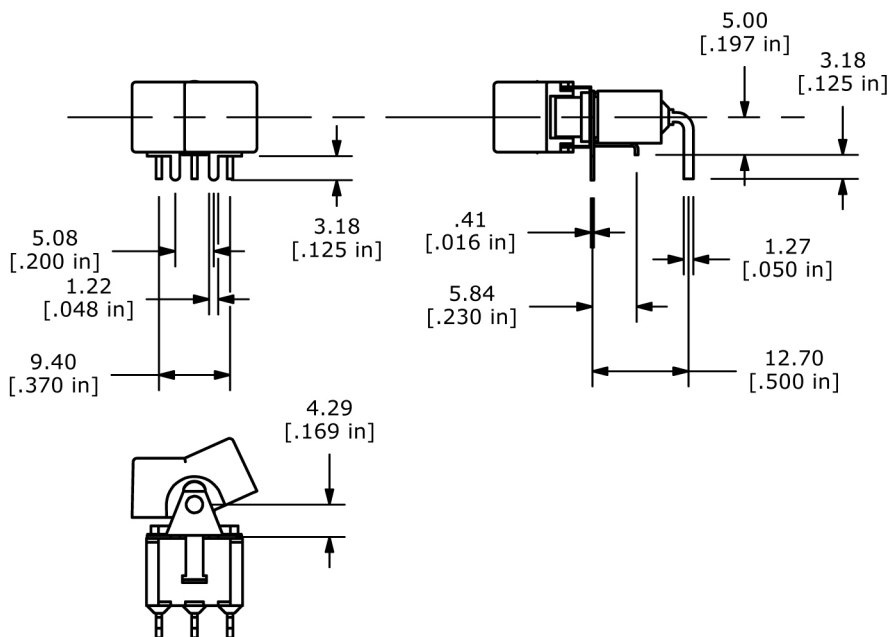


### M2 Termination - 4P

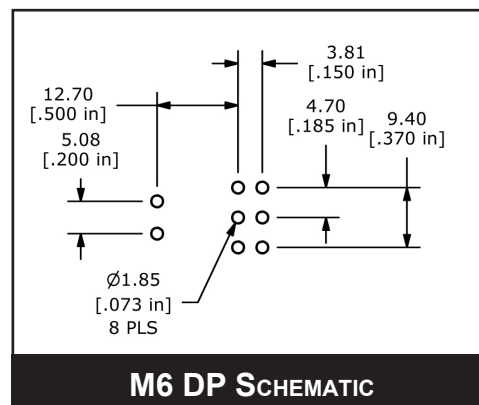
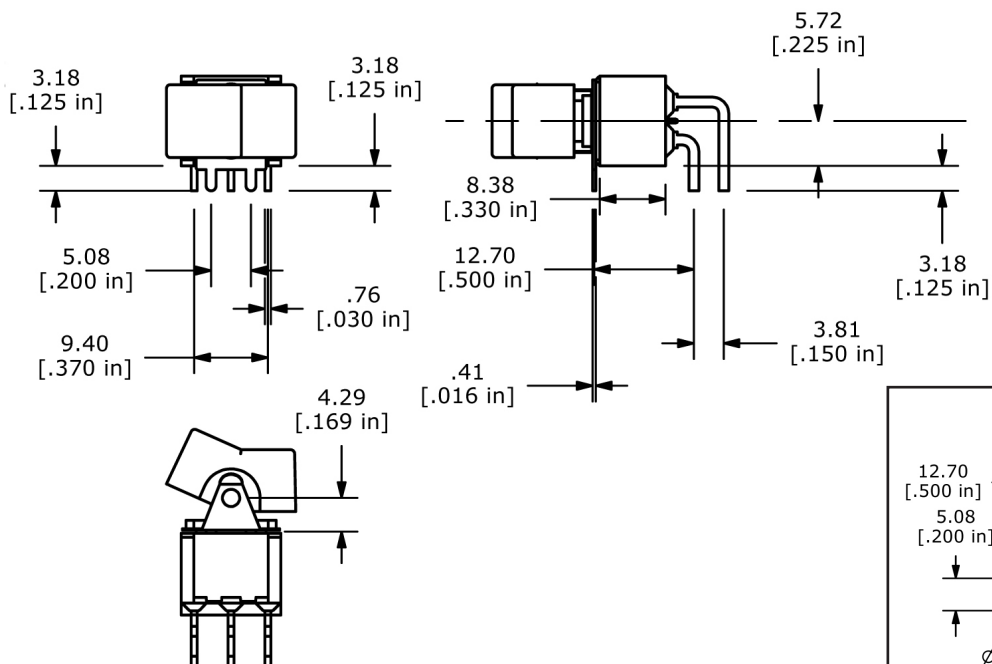


## PC Mount M6 Termination

### M6 Termination - SP



### M6 Termination - DP

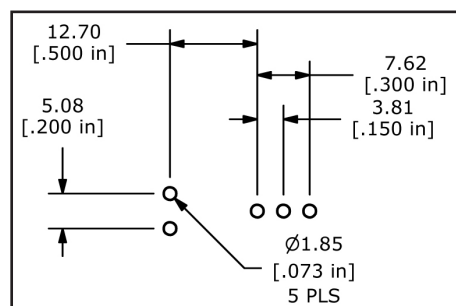
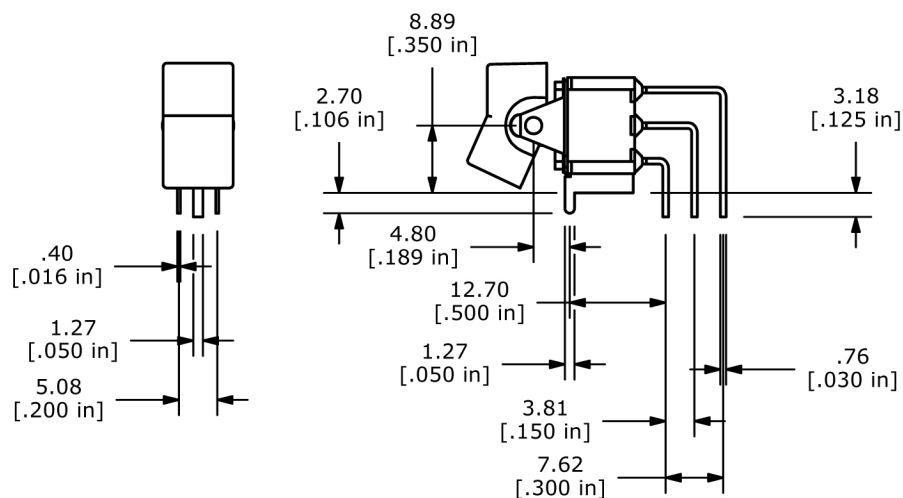




|                |                    |                     |                         |                   |                    |                    |                        |                        |                     |                 |                      |                         |
|----------------|--------------------|---------------------|-------------------------|-------------------|--------------------|--------------------|------------------------|------------------------|---------------------|-----------------|----------------------|-------------------------|
| CAP<br>OPTIONS | TOGGLE<br>SWITCHES | TACTILE<br>SWITCHES | SNAP ACTION<br>SWITCHES | SLIDE<br>SWITCHES | ROTARY<br>SWITCHES | ROCKER<br>SWITCHES | PUSHBUTTON<br>SWITCHES | NAVIGATION<br>SWITCHES | KEYLOCK<br>SWITCHES | DIP<br>SWITCHES | DETECTOR<br>SWITCHES | ANTI-VANDAL<br>SWITCHES |
|----------------|--------------------|---------------------|-------------------------|-------------------|--------------------|--------------------|------------------------|------------------------|---------------------|-----------------|----------------------|-------------------------|

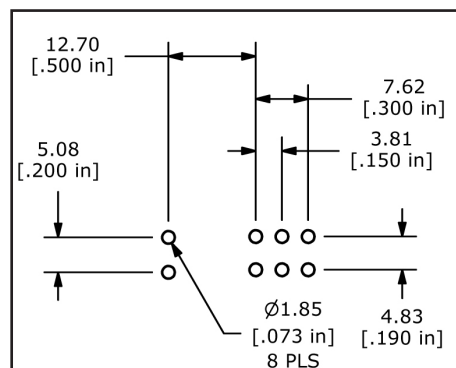
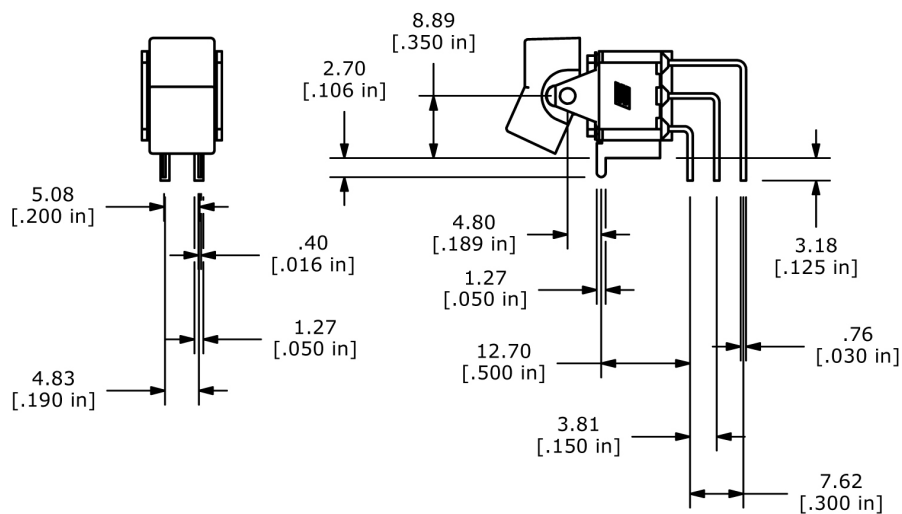
## PC Mount M7 Termination

### M7 Termination - SP



**M7 SP SCHEMATIC**

### M7 Termination - DP



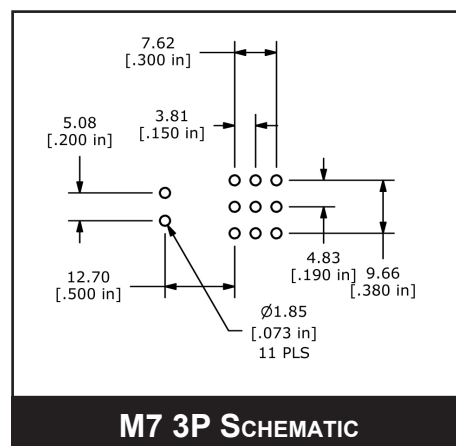
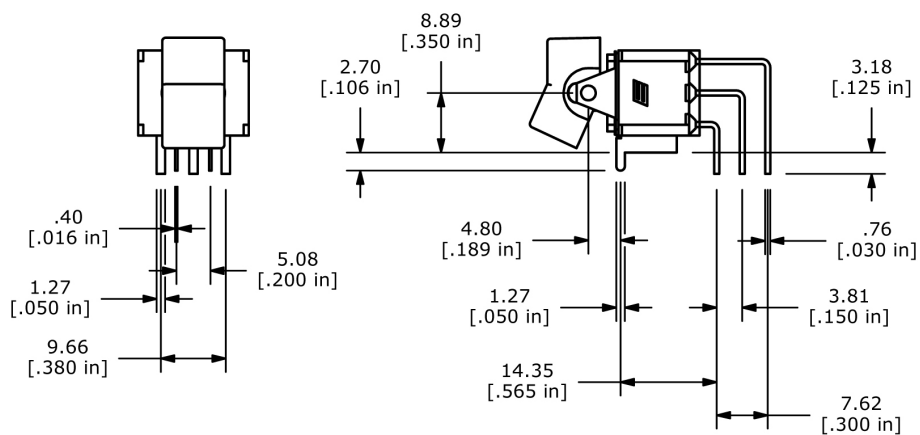
**M7 DP SCHEMATIC**



# 300 SERIES ROCKER SWITCH

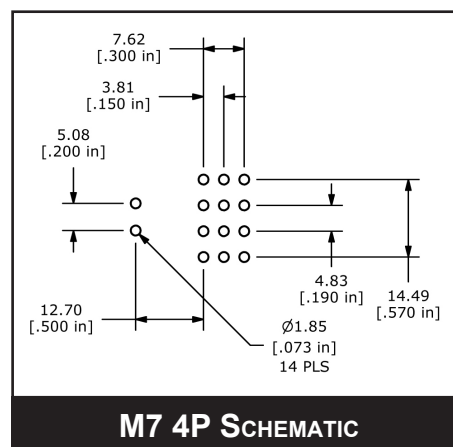
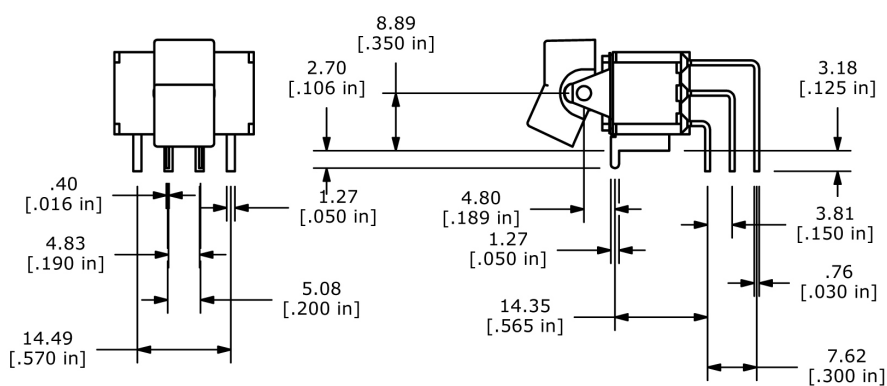
## PC Mount M7 Termination Options

### M7 Termination - 3P



M7 3P SCHEMATIC

### M7 Termination - 4P



M7 4P SCHEMATIC



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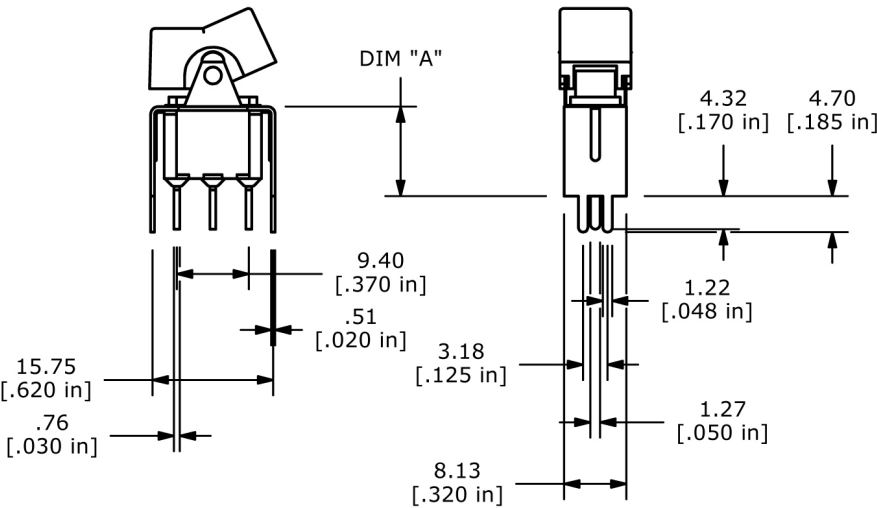
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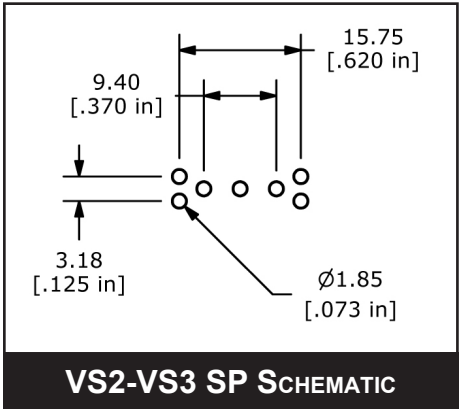
11

PC Mount VS2-VS3 Termination

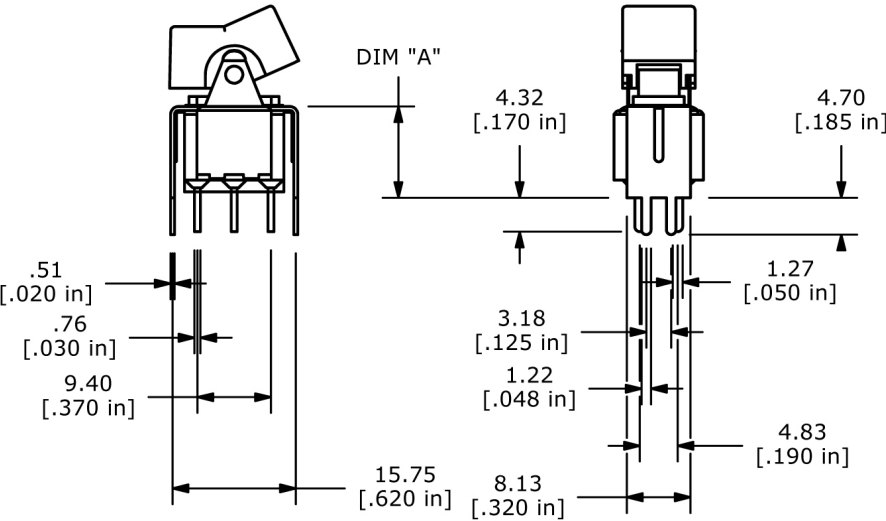
VS2-VS3 Termination - SP



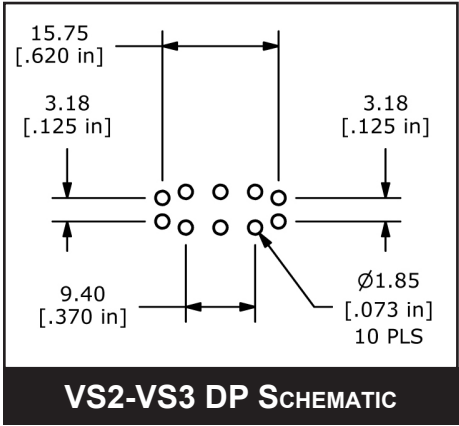
| OPTION | DIM "A"         |
|--------|-----------------|
| VS2    | 11.68<br>[.460] |
| VS3    | 16.00<br>[.630] |



VS2-VS3 Termination - DP



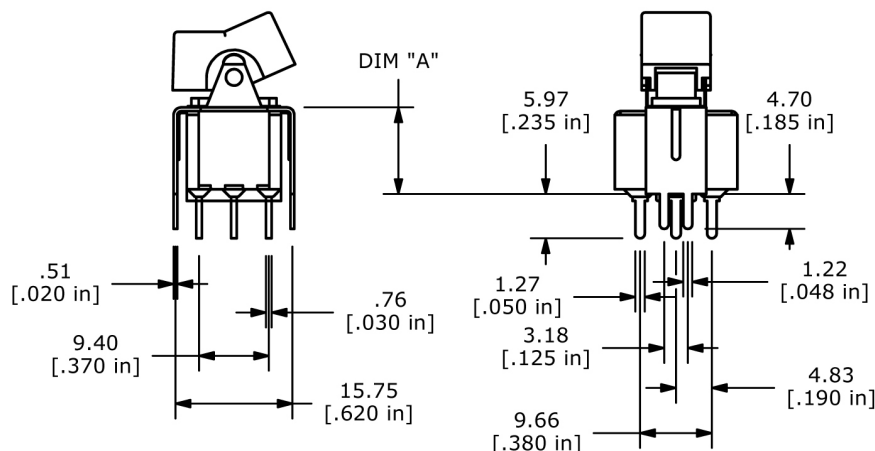
| OPTION | DIM "A"         |
|--------|-----------------|
| VS2    | 11.68<br>[.460] |
| VS3    | 16.00<br>[.630] |



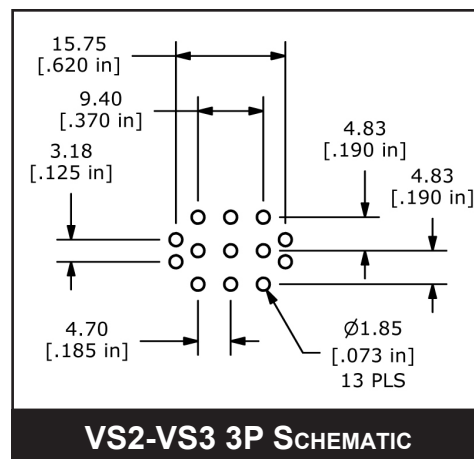
# 300 SERIES ROCKER SWITCH

## PC Mount VS2-VS3 Termination

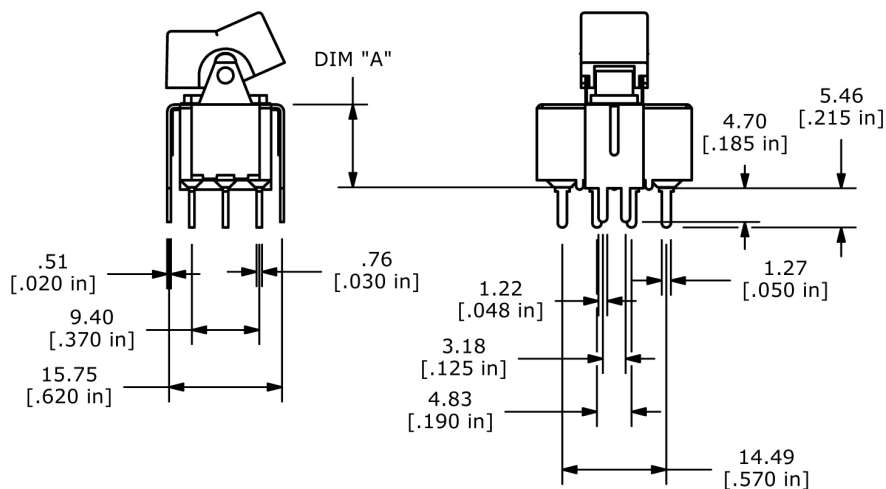
### VS2-VS3 Termination - 3P



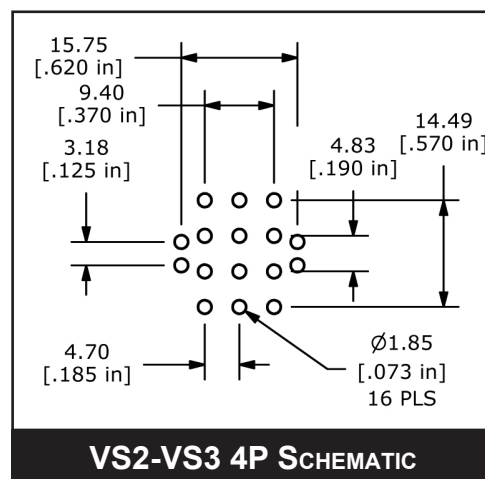
| OPTION | DIM "A"         |
|--------|-----------------|
| VS2    | 11.68<br>[.460] |
| VS3    | 16.00<br>[.630] |



### VS2-VS3 Termination - 4P

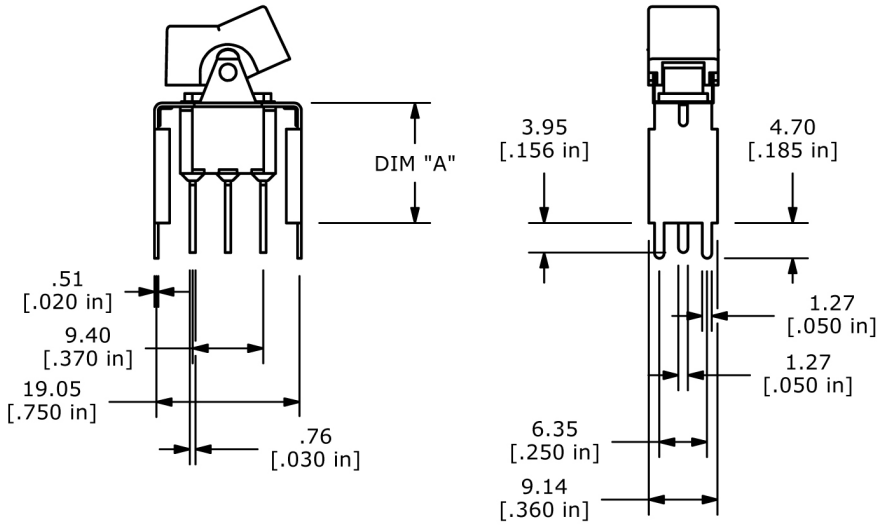


| OPTION | DIM "A"         |
|--------|-----------------|
| VS2    | 11.68<br>[.460] |
| VS3    | 16.00<br>[.630] |

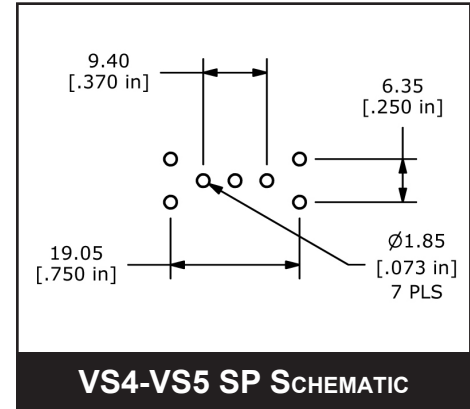


## PC Mount VS4-VS5 Termination

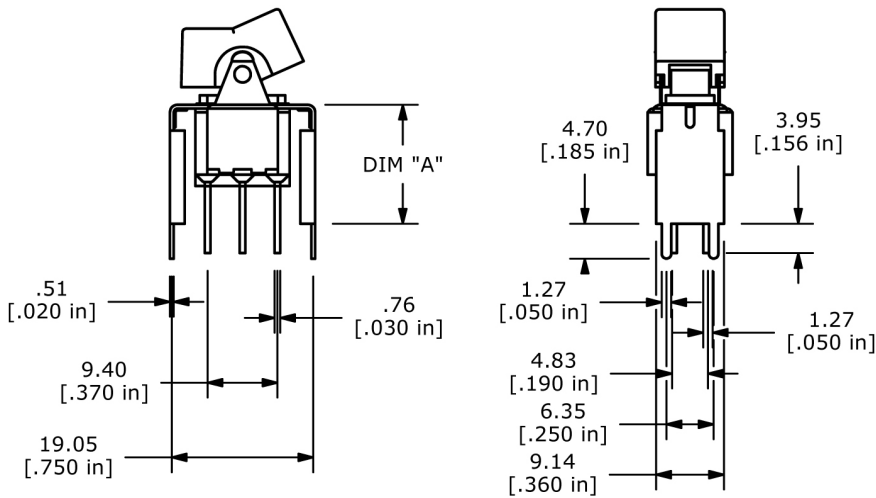
### VS4-VS5 Termination - SP



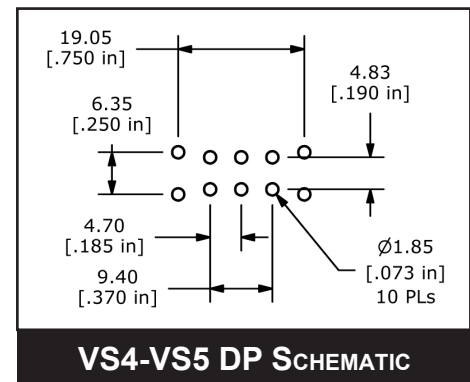
| OPTION | DIM "A"         |
|--------|-----------------|
| VS4    | 11.68<br>[.460] |
| VS5    | 16.00<br>[.630] |



### VS4-VS5 Termination - DP

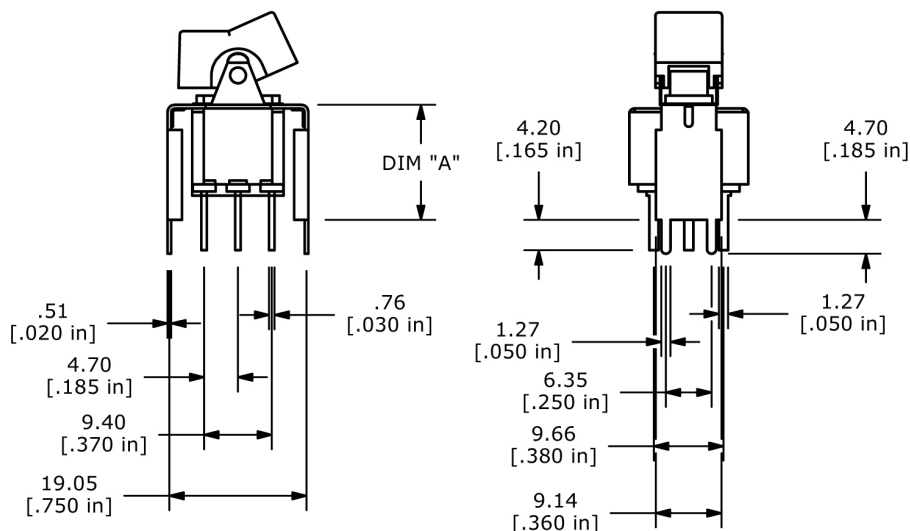


| OPTION | DIM "A"         |
|--------|-----------------|
| VS4    | 11.68<br>[.460] |
| VS5    | 16.00<br>[.630] |

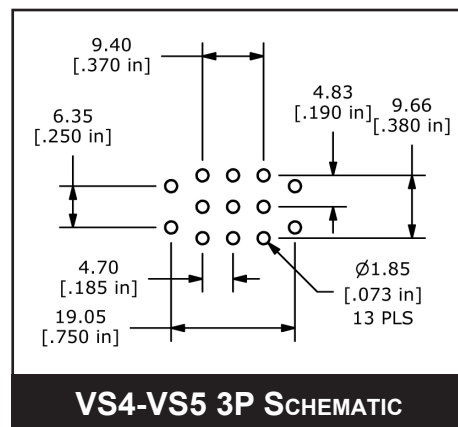


## PC Mount VS4-VS5 Termination

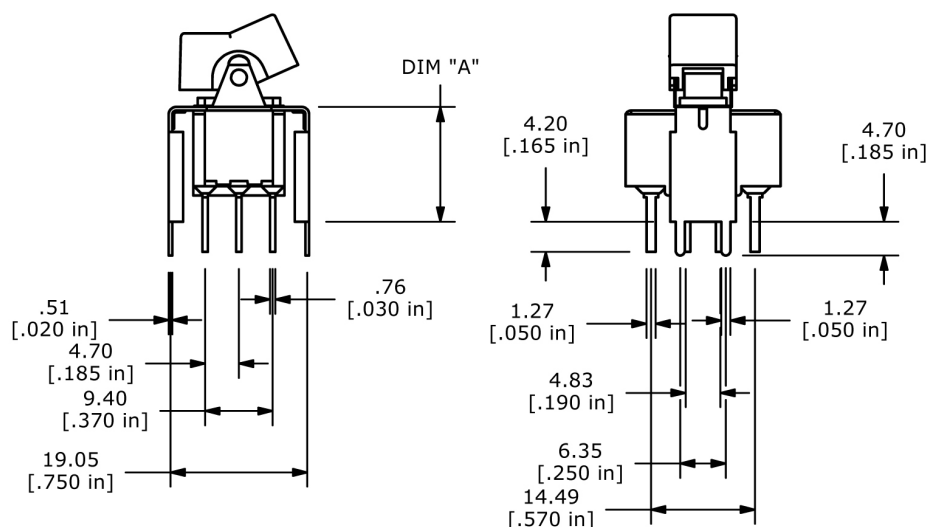
### VS4-VS5 Termination - 3P



| OPTION | DIM "A"         |
|--------|-----------------|
| VS4    | 11.68<br>[.460] |
| VS5    | 16.00<br>[.630] |



### VS4-VS5 Termination - 4P



| OPTION | DIM "A"         |
|--------|-----------------|
| VS4    | 11.68<br>[.460] |
| VS5    | 16.00<br>[.630] |

