



# SERIES 600 SWITCHES

## SLIDE SWITCHES - MINIATURE

TACT  
SWITCHES

NAVIGATION  
SWITCHES

PUSHBUTTON  
SWITCHES

TOGGLE  
SWITCHES

ROCKER  
SWITCHES

SLIDE  
SWITCHES

SNAP-ACTION  
SWITCHES

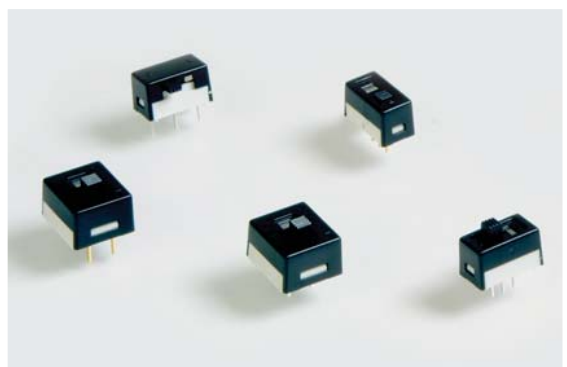
DIP  
SWITCHES

KEYLOCK  
SWITCHES

ROTARY  
SWITCHES

DETECTOR  
SWITCHES

CAP  
OPTIONS



### FEATURES & BENEFITS

- ▶ Single & double pole options
- ▶ Multiple termination options
- ▶ Multiple actuator options
- ▶ Plastic switch body housing

### APPLICATIONS/MARKETS

- ▶ Computer servers/peripherals
- ▶ Consumer electronics
- ▶ Instrumentation
- ▶ Test & measurement

### SPECIFICATIONS

|                        |                                                                                |
|------------------------|--------------------------------------------------------------------------------|
| Contact Rating:        | Dependent upon contact material                                                |
| Life Expectancy:       | 10,000 cycles typical                                                          |
| Contact Resistance:    | 10 mΩ max. typical @ 2-4 VDC<br>100mA for both silver and gold plated contacts |
| Insulation Resistance: | 1,000MΩ min.                                                                   |
| Dielectric Strength:   | 1,000 V rms at sea level                                                       |
| Operating Temperature: | -30°C to 85°C                                                                  |

### MATERIALS

|                      |                                    |
|----------------------|------------------------------------|
| Housing:             | Polybutylene terephthalate (PBT)   |
| Cover:               | Polybutylene terephthalate (PBT)   |
| Actuator:            | Polybutylene terephthalate (PBT)   |
| Contact & Terminals: | Silver or gold plated copper alloy |



### HOW TO ORDER

| SERIES | MODEL NO.                              | ACTUATOR                           | TERMINATION                              | CONTACT MATERIAL                   |
|--------|----------------------------------------|------------------------------------|------------------------------------------|------------------------------------|
| 600    | <div>SP1<br/>DP1<br/>SP3<br/>DP3</div> | <div>S1<br/>S2<br/>S3<br/>S4</div> | <div>M1*<br/>M2**<br/>M3*<br/>M4**</div> | <div>Q = Silver<br/>R = Gold</div> |

\*SPDT Only.  
\*\*DPDT Only.

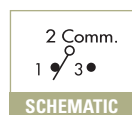


### Example Ordering Number

600-SP1-S3-M1-R

Specifications subject to change without notice.

### SPDT

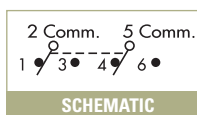


SCHEMATIC

| Model No.   | POS 1 | POS 2 | POS 3 |
|-------------|-------|-------|-------|
| SP-1        | ON    | NONE  | ON    |
| SP-3        | ON    | OFF   | ON    |
| Term. Comm. | 2-1   | OPEN  | 2-3   |

( ) = Momentary

### DPDT



SCHEMATIC

| Model No.   | POS 1   | POS 2 | POS 3   |
|-------------|---------|-------|---------|
| DP-1        | ON      | NONE  | ON      |
| DP-3        | ON      | OFF   | ON      |
| Term. Comm. | 2-1,5-4 | OPEN  | 2-3,5-6 |

( ) = Momentary



E-SWITCH®

## ACTUATOR OPTIONS

## S1

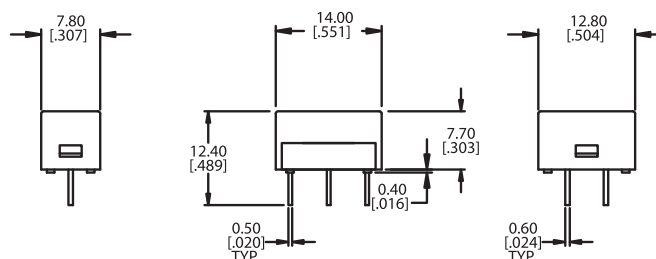
## RECESSED ACTUATOR



SPDT



DPDT



## S2

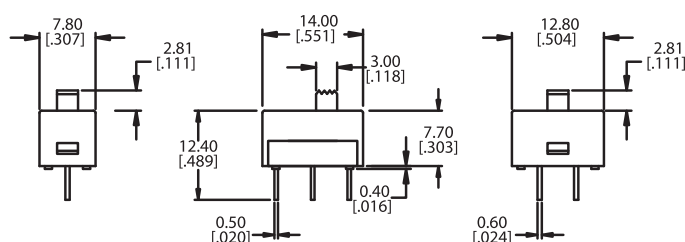
## EXTENDED ACTUATOR



SPDT



DPDT



## S3

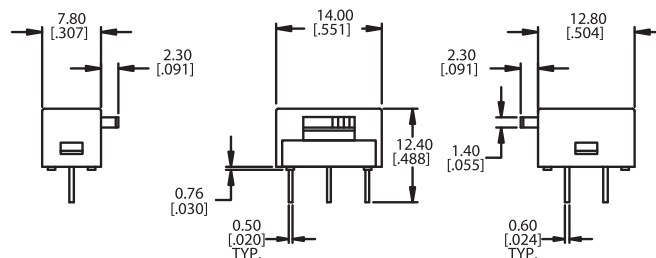
## SIDE ACTUATOR



SPDT

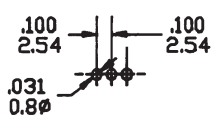


DPDT

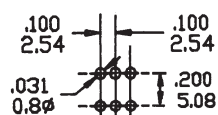


## PC MOUNTING

## M1 SPDT



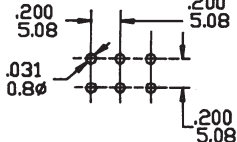
## M2 DPDT



## M3 SPDT



## M4 DPDT



## CONTACT MATERIAL OPTIONS

## Q

|                 |                                   |
|-----------------|-----------------------------------|
| Fixed Terminal: | Silver plated copper alloy        |
| Moving Contact: | Silver plated copper alloy        |
| Rating:         | 1 Amp with resistive load @ 30VDC |

## R

|                 |                                                |
|-----------------|------------------------------------------------|
| Fixed Terminal: | Copper alloy with gold plate over nickel plate |
| Moving Contact: | Copper alloy with gold plate over nickel plate |
| Rating:         | 0.4 Volt-Amps (VA) max. @ 20V max. (AC or DC)  |