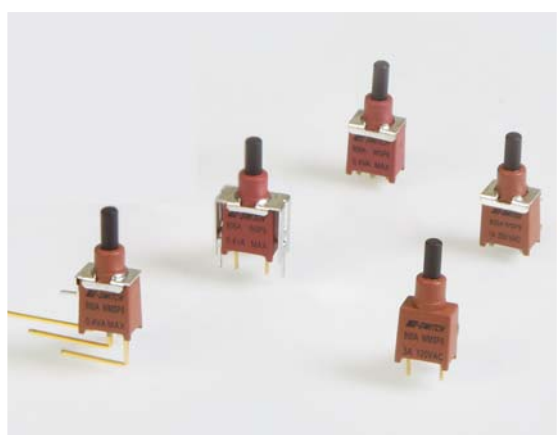




E-SWITCH®

# SERIES 800A SWITCHES

## PUSHBUTTON SWITCHES - SUB-MINIATURE



### FEATURES & BENEFITS

- ▶ Subminiature design
- ▶ Butt contact design
- ▶ IP-67 sealed option

### APPLICATIONS/MARKETS

- ▶ Telecommunications
- ▶ Networking
- ▶ Computers/servers
- ▶ Performance audio
- ▶ Instrumentation
- ▶ Low power on/off designs
- ▶ External hard drives and modems

### SPECIFICATIONS

|                        |                                                                                 |
|------------------------|---------------------------------------------------------------------------------|
| Contact Rating:        | 3A @ 120 VAC or 28 VDC<br>1A @ 250 VAC                                          |
| Life Expectancy:       | 50,000 cycles typical                                                           |
| Contact Resistance:    | 10mΩ 1 max. typical @ 2-4 VDC<br>100mA for both silver and gold plated contacts |
| Insulation Resistance: | 1,000MΩ 1min.                                                                   |
| Dielectric Strength:   | 1,000 V rms @ sea level                                                         |
| Actuation Force:       | 200 ± 50 gf                                                                     |
| Operating Temperature: | -30°C to +85°C                                                                  |

### MATERIALS

|           |                                              |
|-----------|----------------------------------------------|
| Case:     | Diallyl Phthalate (DAP)                      |
| Plunger:  | Glass filled nylon or glass filled polyester |
| Bushing:  | Diallyl Phthalate (DAP)                      |
| Housing:  | Stainless steel                              |
| Contacts: | Silver or Gold plated copper alloy           |



### HOW TO ORDER

| SERIES | MODEL NO.    | TERMINATION                  | CONTACT MATERIAL       | SEAL                                          | CAP             | CAP COLOR |
|--------|--------------|------------------------------|------------------------|-----------------------------------------------|-----------------|-----------|
| 800A   | WSP8<br>WSP9 | M2<br>M6<br>M61<br>M7<br>VS2 | Q = Silver<br>R = Gold | E = Epoxy<br>Sealed at<br>Base of<br>Terminal | See Cap Options |           |



### Example Ordering Number

800A-WSP9-M7-R-E

Specifications subject to change without notice 1.8.2018

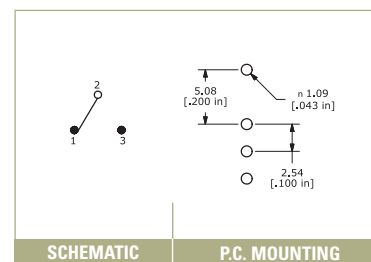
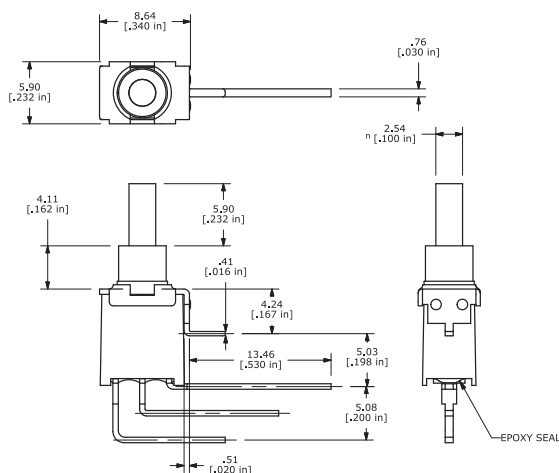
## SPDT

WSP8



| Model No. | Type     |
|-----------|----------|
| WSP8      | ON (ON)  |
| WSP9      | OFF (ON) |

( ) = Momentary



SCHEMATIC

P.C. MOUNTING

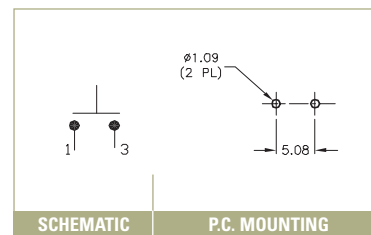
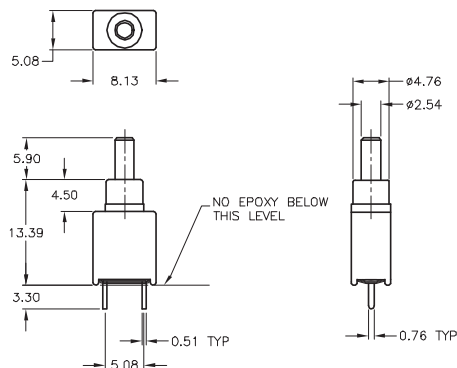
TACT  
SWITCHESNAVIGATION  
SWITCHESPUSHBUTTON  
SWITCHESTOGGLE  
SWITCHESROCKER  
SWITCHESSLIDE  
SWITCHESSNAP-ACTION  
SWITCHESDIP  
SWITCHESKEYLOCK  
SWITCHESROTARY  
SWITCHESDETECTOR  
SWITCHESCAP  
OPTIONS

# SERIES 800A SWITCHES

## PUSHBUTTON SWITCHES - SUB-MINIATURE

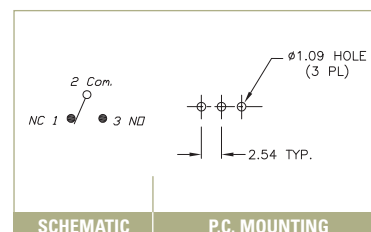
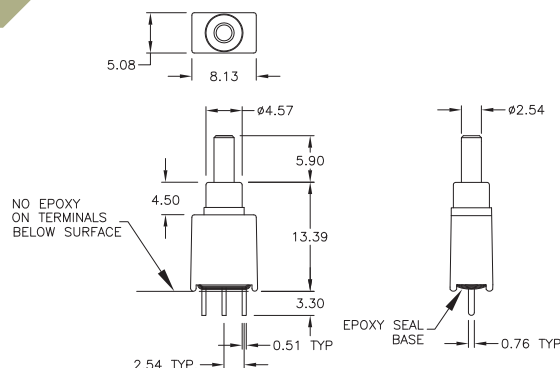
### SPST

WSP9



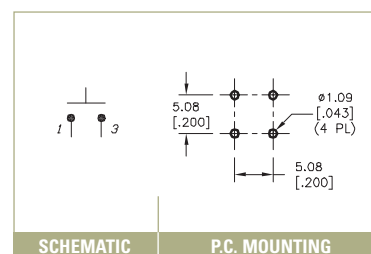
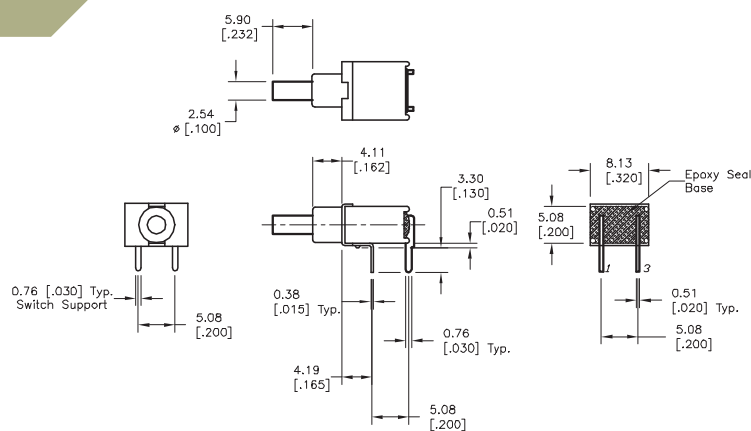
### M2

SPST



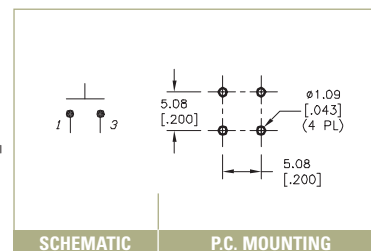
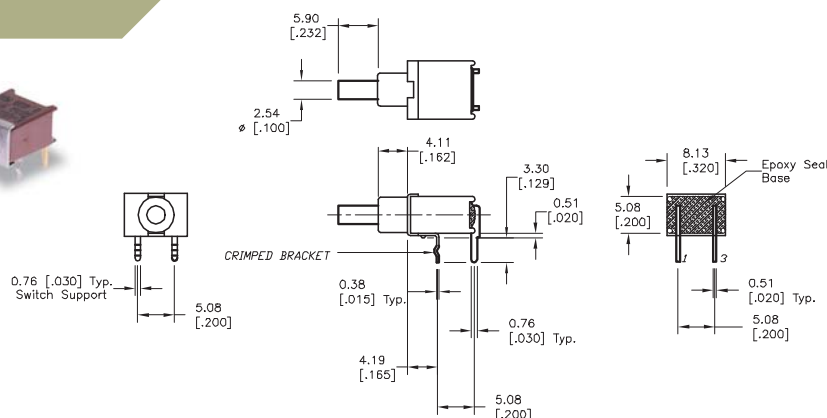
### M6

SPST



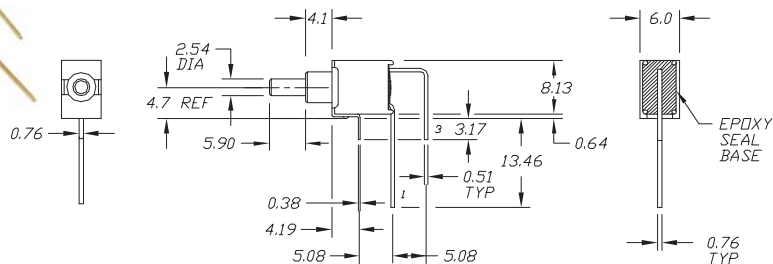
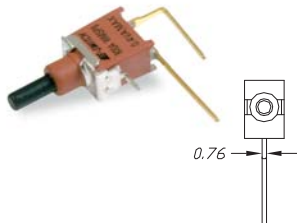
### M61

SPST

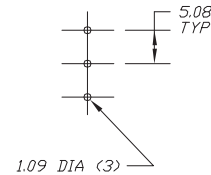


**M7**

SPST



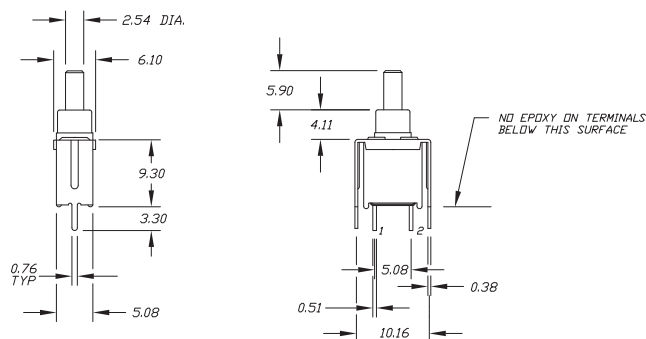
SCHEMATIC



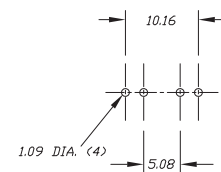
P.C. MOUNTING

**VS2**

SPST



SCHEMATIC



P.C. MOUNTING

**CONTACT MATERIAL OPTIONS****Q**

|                 |                                        |
|-----------------|----------------------------------------|
| Fixed Terminal: | Silver plated copper alloy             |
| Moving Contact: | Silver plated copper alloy             |
| Rating:         | 3A @ 120 VAC or 28 VDC<br>1A @ 250 VAC |

**R**

|                 |                                                |
|-----------------|------------------------------------------------|
| Fixed Terminal: | Copper alloy with gold plate over nickel plate |
| Moving Contact: | Copper alloy with gold plate over nickel plate |
| Rating:         | 0.4 VA max. @ 20 VAC or DC max.                |