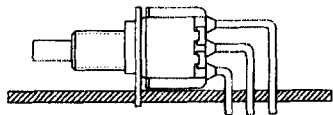
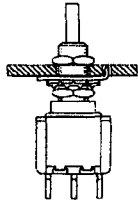


# Pushbutton / Alternate Switch

## 17L8601 / 17L8602

Back to [Switches Main Page](#)



### SPECIFICATIONS

CONTACT RATING: 5A @120 VAC or 28 VDC  
 ELECTRICAL LIFE: 50,000 make-and-break cycles at full load  
 CONTACT RESISTANCE: 10 mΩ max. initial @2-4 VDC, 100 mA  
 INSULATION RESISTANCE: 1,000 MΩ min.  
 DIELECTRIC STRENGTH: 1,500 V RMS @ sea level.  
 OPERATING TEMPERATURE: -30°C to +85°C

### MATERIALS

CASE - diallyl phthalate ( DAP )  
 PLUNGER - Glass filled nylon or glass filled polyester  
 BUSHING - Copper alloy , nickel plated  
 HOUSING - Stainless Steel  
 CONTACT AND TERMINAL - Copper alloy , silver plated

How do you build the switches you need!!

The straight type please see the (A) ; The right angle P.C.B termination, please see the (B)

(A) L 8 6 0 1 - C V 1 - 2 - E B R - E - S 2 0 -

| Switches Function |            | Cap or Actuator |            | Cap color | Bushing              | Epoxy seal |            | Vertical support Bracket |               |
|-------------------|------------|-----------------|------------|-----------|----------------------|------------|------------|--------------------------|---------------|
| L8601             | SPDT on-on | none            | (none)     | 3         | E Thd /key-way(Std.) | (none)     | none seal  | (none)                   |               |
| L8602             | DPDT on-on | CV              | 5.08       | red       | M Non-thd / key-way  | E          | epoxy seal | S20                      | 11.68         |
|                   |            | CV1             | 7.55       |           | F Thd / flat         |            |            | S25                      | 16.00         |
|                   |            | CV2             | 9.53       |           | N Non-thd / flat     |            |            | S35                      | 11.68         |
|                   |            | CV4             | dress nut  |           |                      |            |            | S40                      | 16.00         |
|                   |            | F22A            | With frame |           |                      |            |            | V20                      | snap-in 11.68 |
|                   |            |                 |            |           |                      |            |            | V25                      | snap-in 16.00 |
|                   |            |                 |            |           |                      |            |            | V35                      | snap-in 11.68 |
|                   |            |                 |            |           |                      |            |            | V40                      | snap-in 16.00 |
|                   |            |                 |            |           |                      |            |            | RoHS code                |               |
|                   |            |                 |            |           |                      |            |            | □ = none                 |               |
|                   |            |                 |            |           |                      |            |            | H = RoHS Compliant       |               |

| Termination |                 |
|-------------|-----------------|
| B           | solder lug      |
| C           | P.C 1.27width   |
| D           | Quick connect   |
| D1          | wire wrap 19.05 |
| D3          | wire wrap 10.8  |

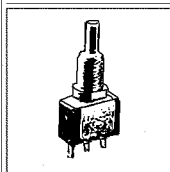
  

| Plunger |            |
|---------|------------|
| (none)  | STD □      |
| M       | Metal type |

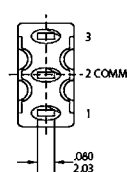
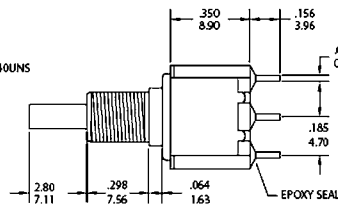
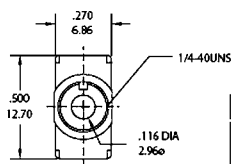
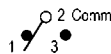
  

| Contact Material |                  |
|------------------|------------------|
| Q                | silver plated    |
| R                | gold plated      |
| G                | gold over silver |

### SPDT

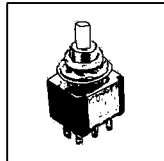


| Model No.   | Switching position |     |
|-------------|--------------------|-----|
| L8601       | on                 | on  |
| L8603       | on                 | mom |
| Term. Comm. | 2-3                | 2-1 |

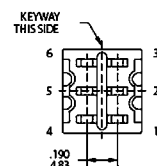
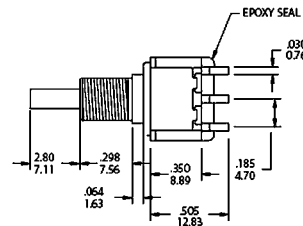
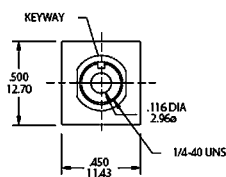
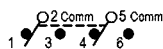


L8601-EBR-E

### DPDT



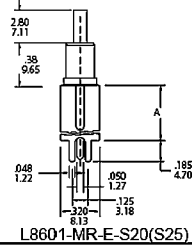
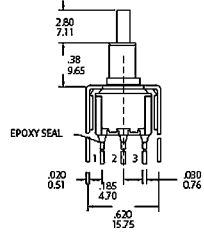
| Model No.   | Switching position |       |
|-------------|--------------------|-------|
| L8602       | on                 | on    |
| Term. Comm. | 2-3 □              | 2-1 □ |
|             | 5-6                | 5-4   |



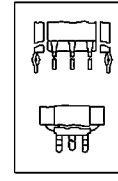
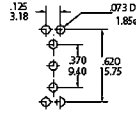
L8602-EBR-E

**VERTICAL SUPPORT BRACKET OPTION**  
( only apply the straight type terminal . Please choose the terminal option in "c" code)

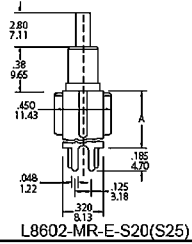
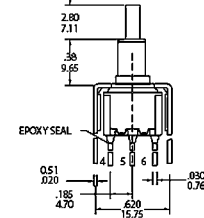
| option Code               | A dimension |
|---------------------------|-------------|
| S20/V20                   | .460        |
| S25/V25                   | 11.68       |
| S25/V25                   | .630        |
| V20/V25: the snap-in type | 16.00       |



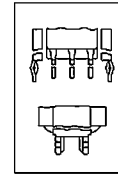
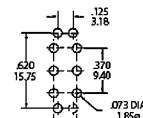
P.C. MOUNTING



SNAP-IN  
V20/ V25

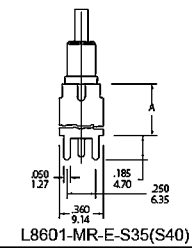
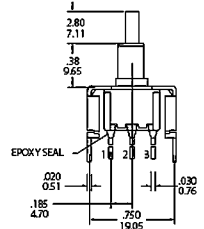


P.C. MOUNTING

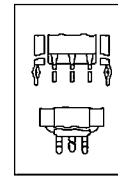
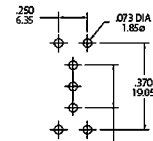


SNAP-IN  
V20/ V25

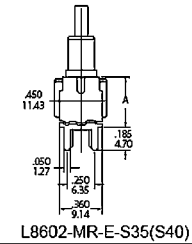
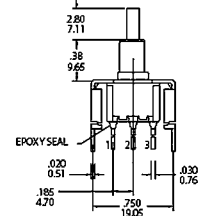
| option Code                | A dimension |
|----------------------------|-------------|
| S35/V35                    | .460        |
| S40/V40                    | 11.68       |
| S40/V40                    | .630        |
| V35/V40 : the snap-in type | 16.00       |



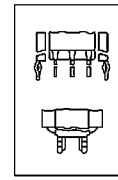
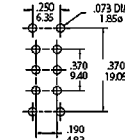
P.C. MOUNTING



SNAP-IN  
V35/ V40

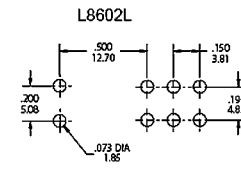
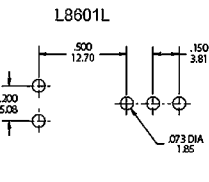
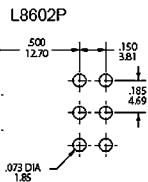
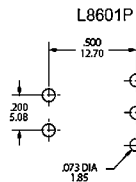


P.C. MOUNTING



SNAP-IN  
V35/ V40

**The P.C.B mounting Dimensions**



**The hard ware of T80-L push button switches**

