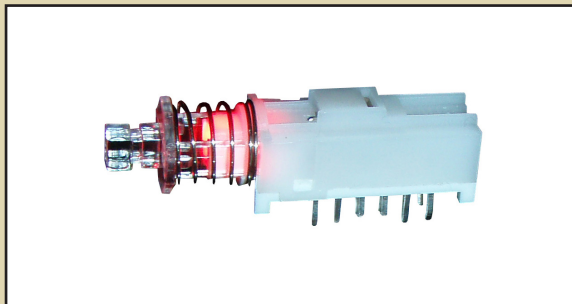


# SERIES WBL SWITCHES



## ILLUMINATED PUSHBUTTON SWITCH



### FEATURES & BENEFITS

2 or 4 pole options  
Cap Option  
Multiple LED colors

### APPLICATIONS / MARKETS

Telecommunications  
Consumer electronics  
Audio/Visual  
Medical equipment  
Computer/servers/peripherals

### MECHANICAL SPECIFICATIONS

|                  |                                               |
|------------------|-----------------------------------------------|
| Mechanical Life: | 10,000 cycles                                 |
| Force:           | 200 +/- 100 grams                             |
| Travel:          | Full: 3.30 +/- 0.3mm; To Lock: 2.50 +/- 0.3mm |

### ELECTRICAL SPECIFICATIONS

|                        |                      |
|------------------------|----------------------|
| Contact Arrangement:   | DPDT & 4PDT          |
| Contact Rating:        | 30VDC, 300mA         |
| Contact Resistance:    | 50mΩ (initial max)   |
| Insulation Resistance: | 100MΩ (Min @ 500VDC) |
| Dielectric Strength:   | 500VAC               |

### ENVIRONMENTAL SPECIFICATIONS

|                        |                |
|------------------------|----------------|
| Operating Temperature: | -20°C to +70°C |
| Storage Temperature:   | -20°C to +70°C |

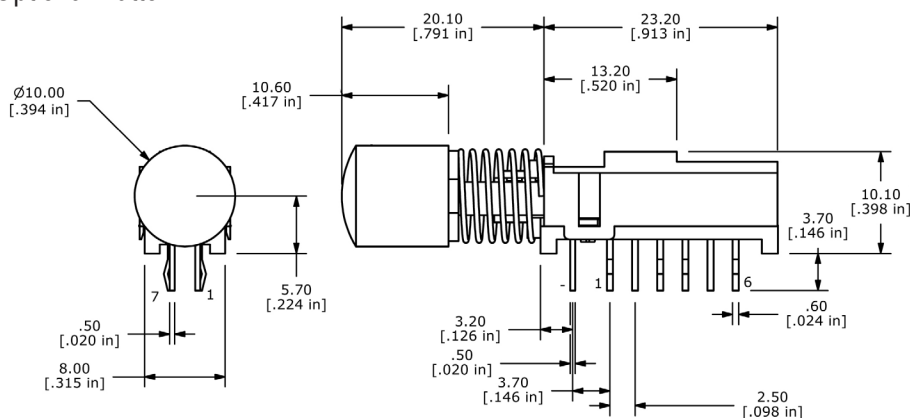
### HOW TO ORDER:

| SERIES | POLES                                                                                                           | CONFIGURATION                                                                                                        | LED COLOR                                                                                                                                                                                                                                                         | PLATING                                                                                          | BUTTON (optional)                                                                                      | BUTTON COLOR (optional)                                                                                  |
|--------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| WBL    | <br>2U = 2 pole<br>4U = 4 pole | <br>OA = Momentary<br>EE = Latching | <br>R = Red<br>G = Green<br>Y = Yellow<br>X = None<br>B = Blue<br>RG = Red-Green<br>RB = Red-Blue<br>RY = Red-Yellow<br>GB = Green-Blue<br>GY = Green-Yellow<br>YB = Yellow-Blue | <br>Q = Silver | <br>R05 = 10mm Dia. | <br>CLR = Transparent |

Parts to be packaged in trays, 84 pieces per tray.

Specifications subject to change without notice.

### Optional Button:



### LED SPECIFICATIONS

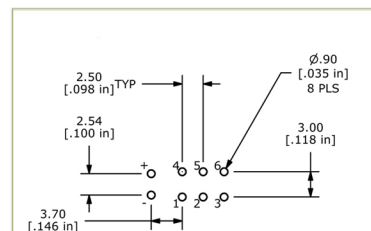
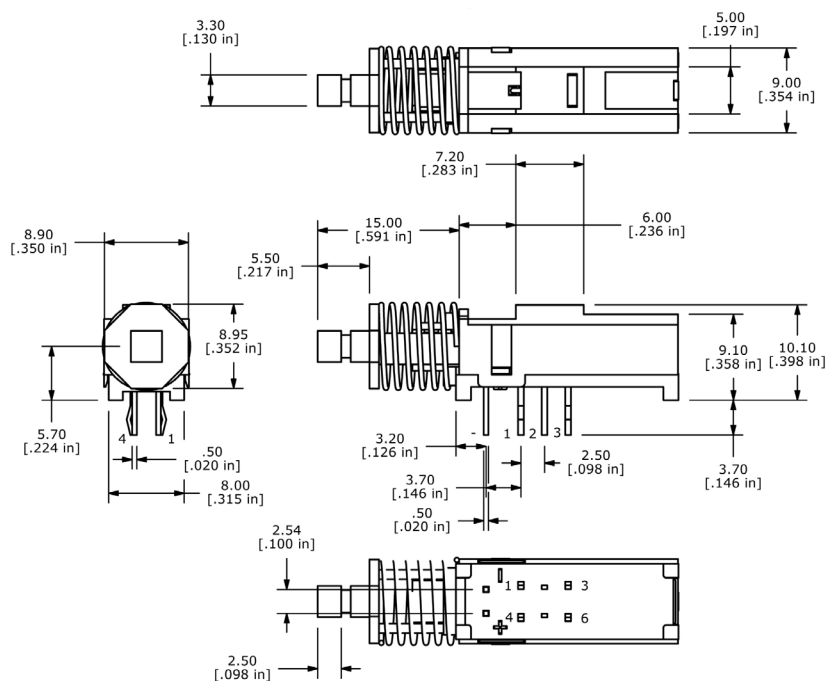
|                           | Units | Blue              | Red               | Green             | Yellow            |
|---------------------------|-------|-------------------|-------------------|-------------------|-------------------|
| Forward Current           | mA    | 20mA              | 20mA              | 20mA              | 20mA              |
| Forward Voltage @ 20mA    | VDC   | 3.5 typ - 4.0 max | 1.7 typ - 2.6 max | 1.7 typ - 2.6 max | 1.7 typ - 2.6 max |
| Luminous Intensity @ 20mA | mcd   | 350 typ           | 1.6 typ           | 4.7 typ           | 4.7 typ           |

# SERIES WBL SWITCHES

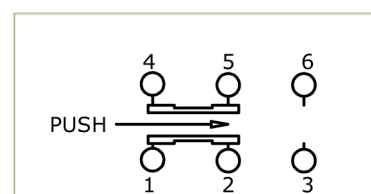


E-SWITCH™

## 2 Pole Option:

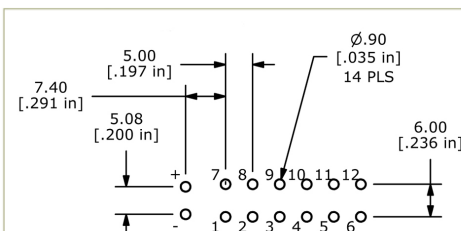
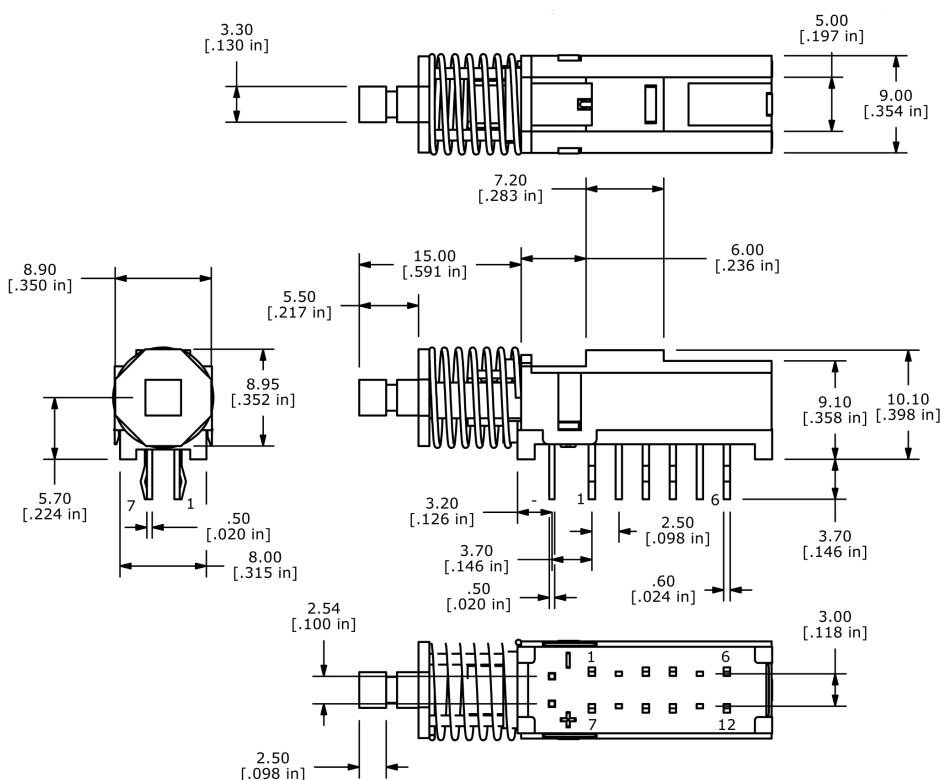


P.C. MOUNTING

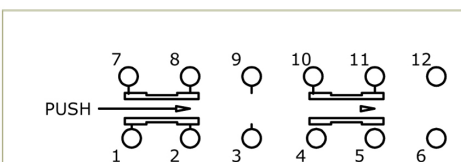


SCHEMATIC

## 4 Pole Option:



P.C. MOUNTING



SCHEMATIC