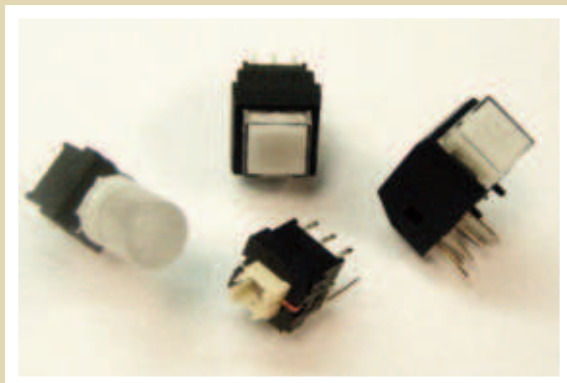


# SERIES LP4 SWITCHES

## ILLUMINATED PUSHBUTTON SWITCH



E-SWITCH™



### FEATURES & BENEFITS

- Latching and momentary options
- Illuminated
- Right angle and vertical mount options
- Multiple bezel and button designs

### APPLICATIONS / MARKETS

- Telecommunications
- Consumer Electronics
- Audio/visual
- Medical
- Testing/instrumentation
- Computer/servers/peripherals

### MECHANICAL SPECIFICATIONS

|                  |                                        |
|------------------|----------------------------------------|
| Mechanical Life: | 50,000 cycles                          |
| Force:           | 250 ± 100 grams                        |
| Travel:          | 1.0mm ± 0.3mm LOCK; 1.5mm ± 0.3mm FULL |

### ELECTRICAL SPECIFICATIONS

|                                    |                           |
|------------------------------------|---------------------------|
| Contact Rating:                    | 30VDC, 0.1A               |
| Contact Resistance (Initial Max.): | 50milliohms max.          |
| Insulation Resistance (min.@500V): | 100megaohms min. @ 500VDC |
| Dielectric Strength (1 Min.):      | 500VAC                    |

### ENVIRONMENTAL SPECIFICATIONS

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

### HOW TO ORDER

| SERIES     | FUNCTION STYLE                  | CIRCUIT  | TERMINATION                                          | HOUSING COLOR                      | CAP SIZE                                                                       | CAP COLOR                                                                       | LED COLOR OPTIONS                                                         |
|------------|---------------------------------|----------|------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| <b>LP4</b> |                                 |          |                                                      |                                    |                                                                                |                                                                                 |                                                                           |
|            | OA = Momentary<br>EE = Latching | 1 = DPDT | P = Vertical PCB Mount<br>R = Right Angle PCB Mount* | B = Black<br>W = White<br>G = Gray | N = No Cap<br>A = Square w/ Bezel<br>B = Round w/ Bezel<br>C = Round w/o Bezel | N = No Cap<br>T = Transparent<br>G = Green<br>R = Red<br>Y = Yellow<br>B = Blue | N = No LED<br>R = Red<br>G = Green<br>Y = Yellow<br>B = Blue<br>W = White |

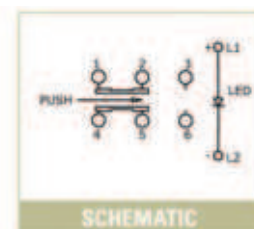
### Example Ordering Number

LP4-OA-1-P-B-A-T--R

\* Right angle only available in a square cap with bezel.

Specifications subject to change without notice.

| LED SPECIFICATIONS   |            |            |            |            |            |
|----------------------|------------|------------|------------|------------|------------|
|                      | Blue       | Red        | Green      | Yellow     | White      |
| Forward Current (mA) | 5mA        | 20mA       | 20mA       | 20mA       | 20mA       |
| Forward Voltage@20mA | 2.9-4.0VDC | 1.9-2.5VDC | 2.1-2.5VDC | 1.7-2.4VDC | 3.5-4.0VDC |
| Luminous Intensity   | 9 mcd@5mA  | 200 mcd    | 45 mcd     | 350 mcd    | 2700 mcd   |



# SERIES LP4 SWITCHES

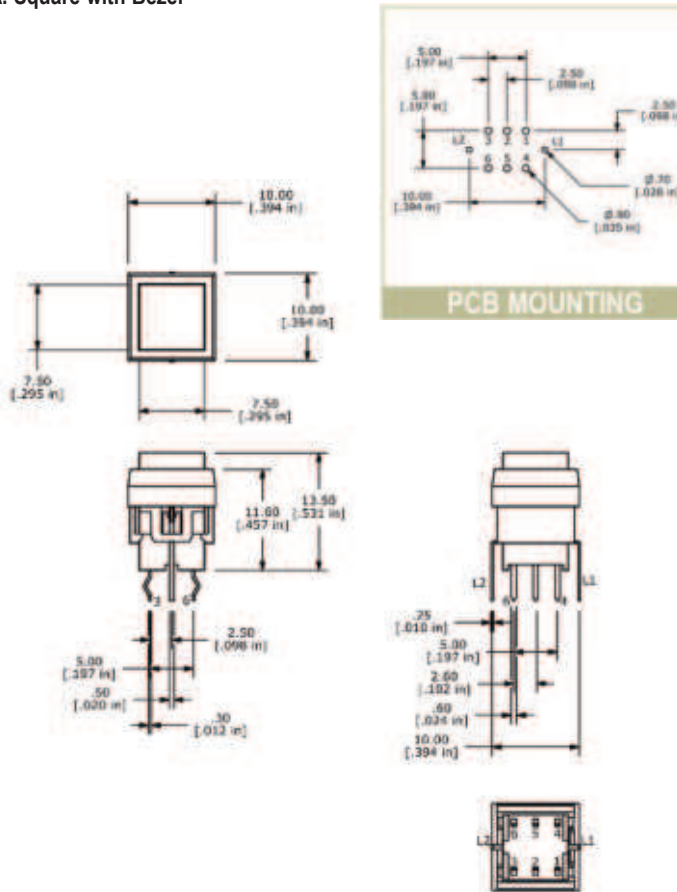


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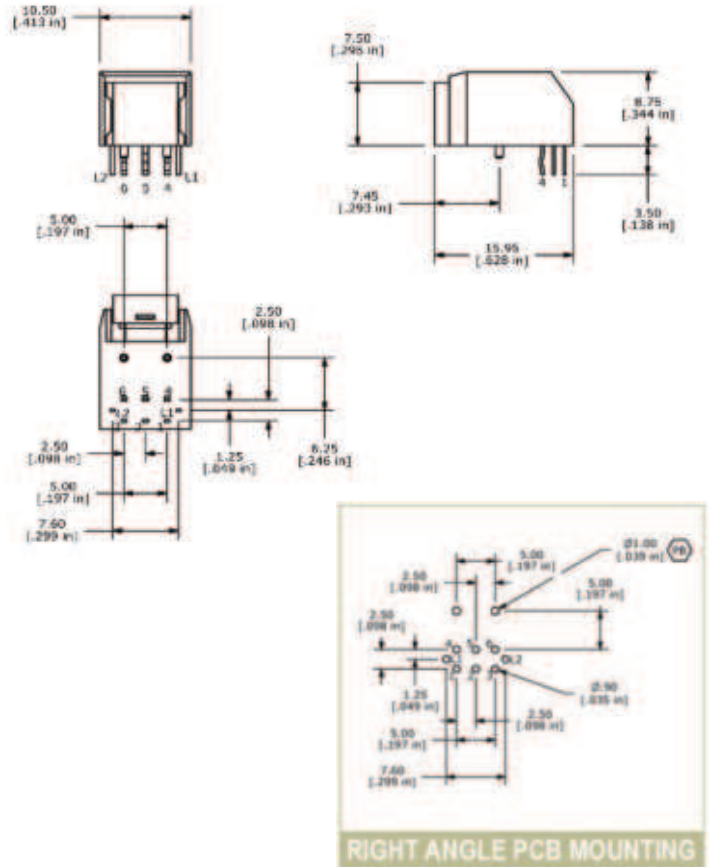
## ILLUMINATED PUSHBUTTON SWITCH

### CAP OPTIONS

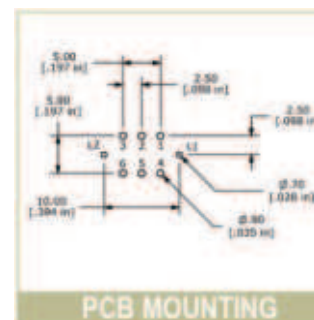
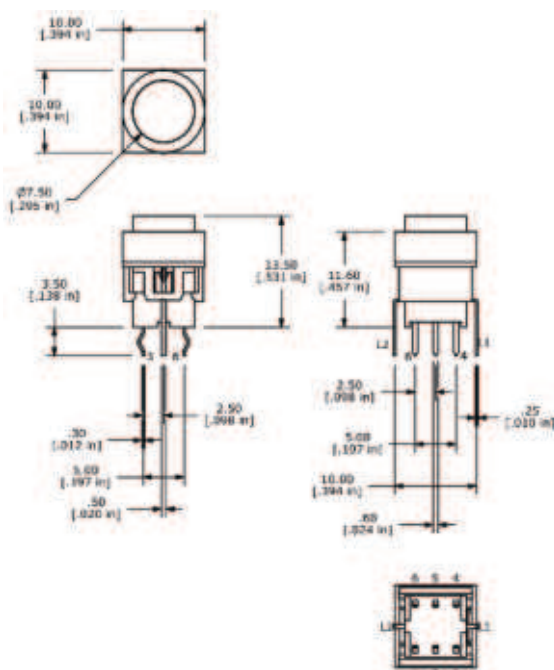
#### A. Square with Bezel



#### A. Square with Bezel - Right Angle



#### B. Round with Bezel



# SERIES LP4 SWITCHES

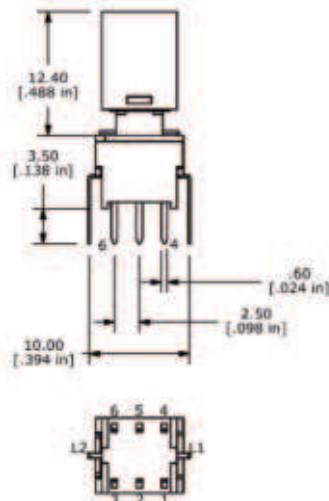
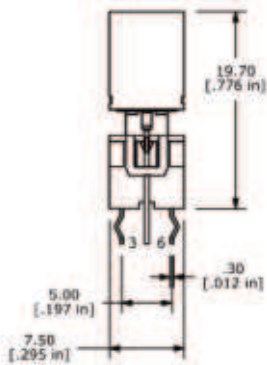
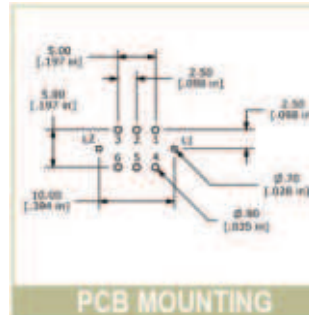
## ILLUMINATED PUSHBUTTON SWITCH



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### CAP OPTIONS (CONT.)

#### C. Round without Bezel



#### N. No Cap

