



## SPECIFICATIONS

**POLE-POSITION :** Momentary Type, SPST with LED

**CONTACT RATING :** 30V DC, 0.1A

**CONTACT RESISTANCE :** 50mΩ max. 1.5V DC ; 100mA,  
by Method of Voltage DROP

**INSULATION RESISTANCE :** 100 MΩ min. 500V DC

**DIELECTRIC STRENGTH :** 500V AC for 1 Minute

**OPERATING FORCE :** 250±100gf

**OPERATING LIFE :** 50,000 cycles

**OPERATING TEMPERATURE RANGE :** -40°C ~ 85°C

**TOTAL TRAVEL :** 1.2±0.3mm

### Materials

**CAP :** PC

**CASE & HOUSING :** Nylon 6/6

**TERMINALS :** Copper alloy with gold plated.

## HOW TO ORDER

MODEL NO.      LED COLOR

**PBL**

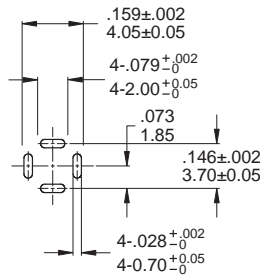


Led color

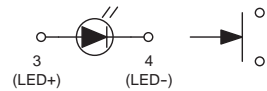
ITEM NO	COLOR
01	White
03	Red
05	Yellow
06	Green
07	Blue
76	Blue (Green)

## PCB MOUNTING & CIRCUIT DIAGRAM

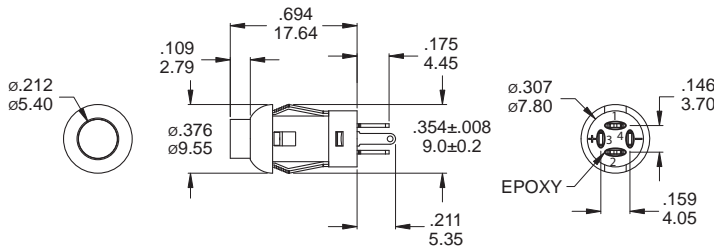
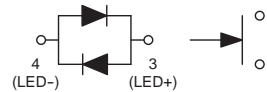
### PCB mounting



### Single LED

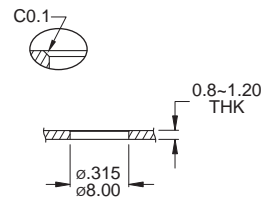


### Dual colors LED



Part No. Shown : PBL-XX

### PANEL MOUNTING



## WITH LED ELECTRO-OPTICAL DATA

\* The LED specification for reference only

Lens Appearance	Color	Electro-optical Data (AT 20mA)				Peak Wavelength	Viewing Angle 2θ 1/2 (deg)	
		Vf (V)		Iv (mcd)				
		Typ.	Max.	Typ.	Min.			
Water Clear	White	3.30	4.00	1500	900	X/Y=0.31	45°	
	Red	1.95	2.50	1300	700			630
	Yellow	2.10	2.50	25	12			588
	Green	2.10	2.50	300	100			570
	Blue	3.30	4.00	1300	700			470
	Blue (Green)	B	3.3	4.0	160		80	470
G		2.1	2.5	80	30	570		