

## SPECIFICATIONS

**CIRCUIT :** DPDT

**RATING :** 0.1A, DC30V MAX/100mA, DC1.5V MIN

**CONTACT RESISTANCE :** 50 mΩ MAX.

**INSULATION RESISTANCE :** 100 MΩ MIN.

**ELECTRICAL LIFE :** 50,000 cycles

**ACTUATION FORCE :** 250 ± 100g

**TRAVEL:**

1. Full Travel : 1.5 ± 0.4mm

2. Contact Travel : 1.0 ± 0.4mm

**OPERATING TEMPERATURE RANGE :** -20°C to 70°C

## MATERIALS

**CASE :** LCP, black.

**HOUSING :** Glass filled Nylon 6/6, black.

**ACTUATOR :** Glass filled Nylon 6/6, gray.

**CONTACT :** Copper alloy, silver plated.

**TERMINALS :** LCP, black & Copper alloy, silver plated.

## HOW TO ORDER

MODEL NO.    FUNCTION    LED COLOR    +    CAP

**PSD**

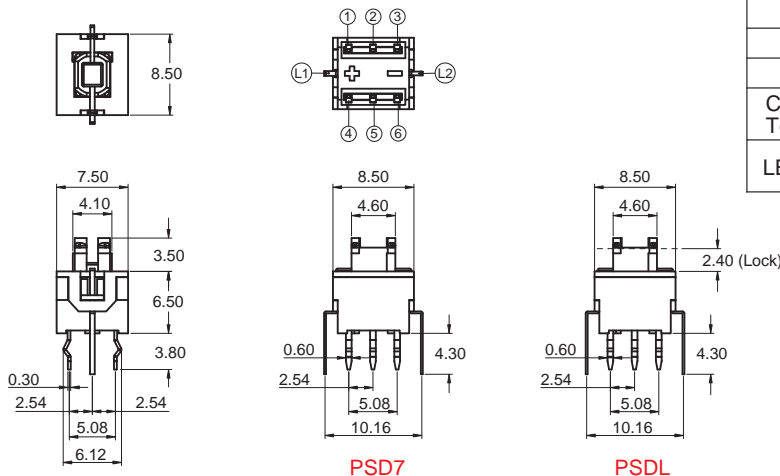
Function  
**7** On-Mom  
**L** On-(On)

ITEM NO	COLOR
0	Without LED
3	Red
5	Yellow
6	Green
7	Blue

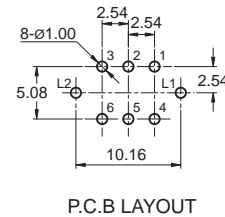
Example:  
 PSD73+YCA044TD

CAP OPTION				
DIMENSION	 7.4 1.5	 7.4 1.5	 7.4 16.0 7.1	 7.4 7.1
Transparent with Diffuser	YCA044TD	YCA043TD	—	—
Transparent	YCA044T	YCA043T	—	—
Ice	—	—	YCA045A	YCA046A
Snow	—	—	YCA045B	YCA046B
Transparent Black	—	—	YCA045C	YCA046C
White	YCA0444	YCA0434	—	—

## DIMENSION



TYPE	Switch Action	
PSD7	Normal ON	Push (ON)
PSDL	Normal ON	LOCK (ON)
Connected Terminals	1-2 4-5	2-3 5-6
LED Circuit	L1 →  → L2	



PSD Pushbutton Switches

## 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.	Min.	Typ.		
Water Clear	Red	1.95	2.5	80	200	630	140°
	Yellow	2	2.5	300	400	590	140°
	Green	3.3	4.1	400	500	525	140°
	Blue	3.3	4	80	190	470	140°

