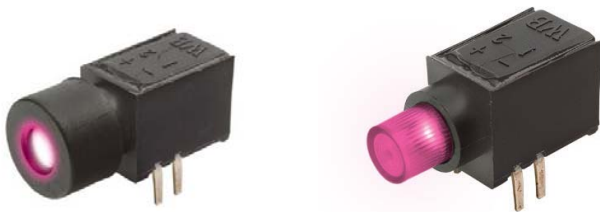


# MLS SERIES

## LED PUSH BUTTON SWITCH



### Feature -


- Small size
- LED illumination
- Two color available
- Single pole , Single throw

### Applications -

- Computer Product
- Office appliance
- Communication Equipments

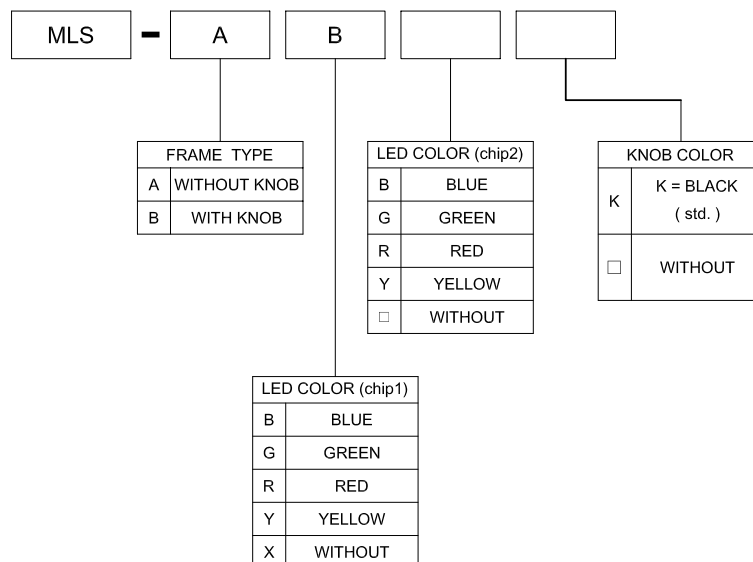
## ► SPECIFICATIONS


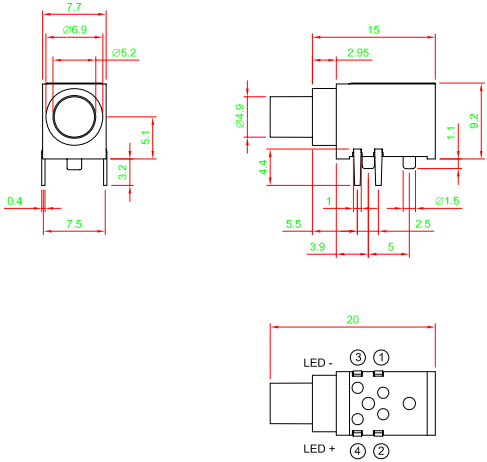

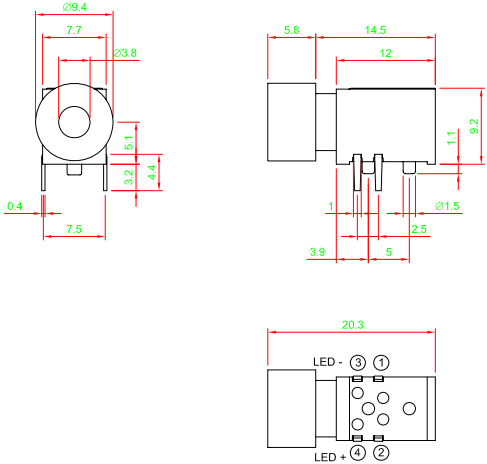
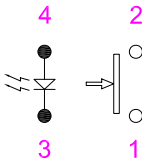
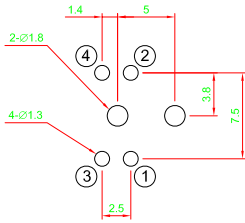
SWITCH SPECIFICATIONS	
POLE - POSITION	Momentary Type , SPST with LED
CONTACT RATING	36 V DC , 0.2 A
CONTACT RESISTANCE	40 mΩ max. 1.5 V DC ; 100 mA , by Method of Voltage DROP
INSULATION RESISTANCE	100 MΩ min. 500 V DC
DIELECTRIC STRENGTH	Breakdown is not Allowable ; 500 V AC for 1 Minute
OPERATING FORCE	300 ± 100 gf
OPERATING LIFE	10,000 cycles
OPERATING TEMPERATURE RANGE	-20°C ~ 70°C
TOTAL TRAVEL	FULL TRAVEL - 2.4 ± 0.3 mm CONTACT TRAVEL - 1.6 ± 0.3 mm

LED SPECIFICATIONS		Value / LED Color			
ATTENTION  LEDs are Electrostatic Sensitive devices	Unit	Blue	Green	Red	Yellow
		FORWARD CURRENT	If	30	30
REVERSE VOLTAGE	Vr	5.0	5.0	5.0	5.0
REVERSE CURRENT	Ir	50	10	10	10
FORWARD VOLTAGE@20mA	Vf	3.5-4.0	1.7-2.8	1.5-2.4	1.7-2.8
LUMINOUS INTENSITY@20mA	Iv	350-700	60-100	75-120	45-75

■ Physical and electrical information of LED will be provided upon customer's request on switches .

## ► HOW TO ORDER



► DIMENSION	
<p>MLS - A □ □</p> 	
<p>MLS - B □ □ K</p> 	
► SCHEMATIC	► P.C.B LAYOUT
	
► MATERIAL	► UNIT WEIGHT
<ul style="list-style-type: none"> <li>■ COVER - PA + GF</li> <li>■ ACTUATOR - PA + GF</li> <li>■ BASE FRAME - PA + GF</li> <li>■ TERMINAL - SILVER PLATING</li> </ul>	<ul style="list-style-type: none"> <li>■ MLS - A □ □ : 1.2 ± 0.05 g / pcs</li> <li>■ MLS - B □ □ K : 1.4 ± 0.05 g / pcs</li> </ul>