



Feature -  
small size  
bi-color LED illuminated available  
SPST, momentary function

Application -  
computer products  
office appliances  
communication equipments

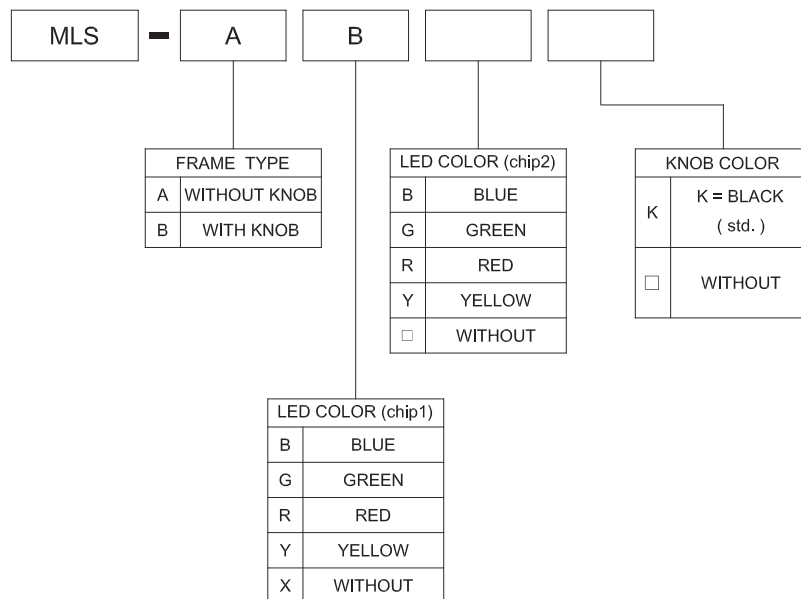
► SPECIFICATIONS

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							
ATTENTION LEDs are Electrostatic Sensitive devices	(+) ○ — (−)	Unit	Value / LED Color				
			Blue	Green	Red	Yellow	
FORWARD CURRENT	If	mA	20	20	20	20	
REVERSE VOLTAGE	Vr	V	5.0	5.0	5.0	5.0	
REVERSE CURRENT	Ir	μA	10	10	10	10	
FORWARD VOLTAGE@20mA	Vf	V	3.3-4.0	2.1-2.5	2.0-2.5	2.0-2.5	
LUMINOUS INTENSITY@20mA	Iv	mcd	1300	700	900	700	

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

► HOW TO ORDER

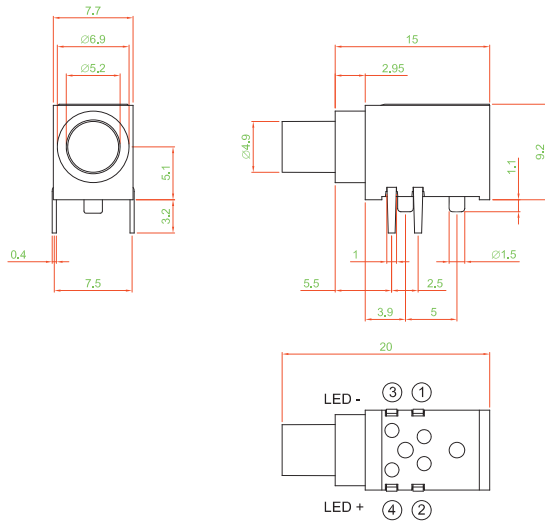


# MLS SERIES

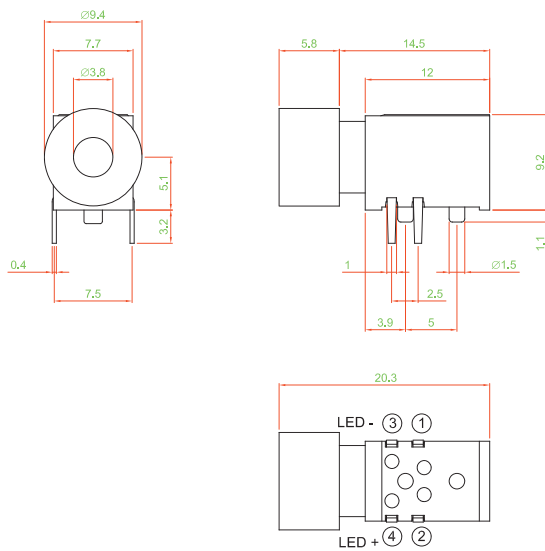
LED PUSH BUTTON SWITCH

## ► DIMENSION

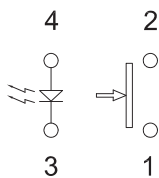
MLS - A □ □



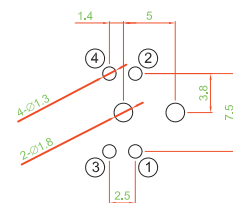
MLS - B □ □ K



## ► SCHEMATIC



## ► P.C.B LAYOUT



## ► MATERIAL

- COVER : PA + GF
- ACTUATOR : PA + GF
- BASE FRAME : PA + GF
- TERMINAL : SILVER PLATING

## ► UNIT WEIGHT

- MLS - A □ □ :  $1.2 \pm 0.05$  g / pc
- MLS - B □ □ K :  $1.4 \pm 0.05$  g / pc