



Feature -


- LED illumination
- Two color available
- 2 Pole , 4 Pole
- Lock / Non-lock available

Applications -

- Instrumentations
- Computer Product
- Communication Equipments

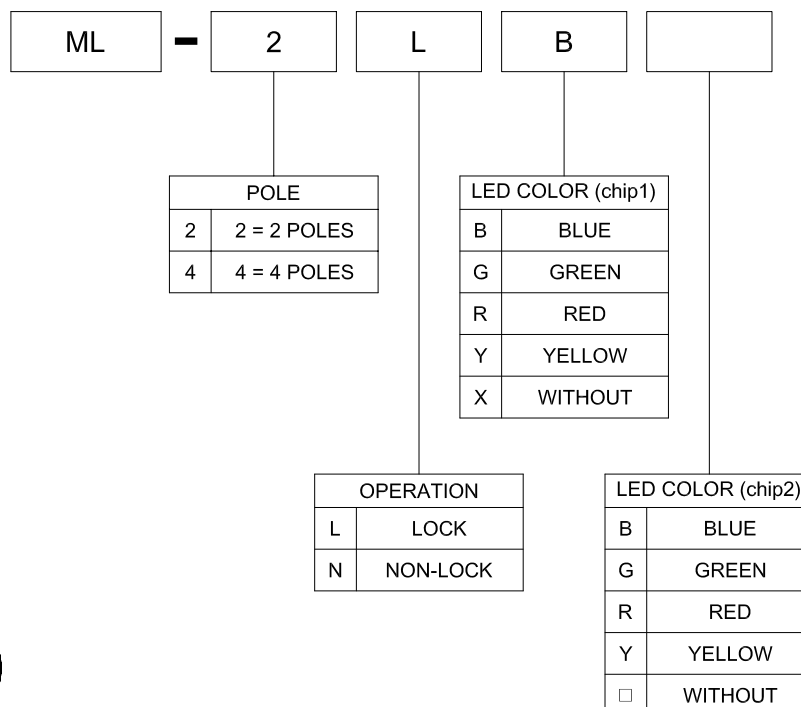
► SPECIFICATIONS

SWITCH SPECIFICATIONS	
POLE - POSITION	2P2T , 4P2T LOCK / NON-LOCK Action with LED
CONTACT RATING	30 V DC , 0.3 A
CONTACT RESISTANCE	20 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	200 ± 100 gf
OPERATING LIFE	10,000 cycles
OPERATING TEMPERATURE RANGE	-20°C ~ 70°C
TOTAL TRAVEL	TRAVEL - 2.5 ± 0.3 mm TRAVEL - 3.3 ± 0.3 mm

LED SPECIFICATIONS						
ATTENTION  LEDs are Electrostatic Sensitive devices	Unit	Value / LED Color				
		Blue	Green	Red	Yellow	
FORWARD CURRENT	If	mA	30	30	15	20
REVERSE VOLTAGE	Vr	V	5.0	5.0	5.0	5.0
REVERSE CURRENT	Ir	μA	50	10	10	10
FORWARD VOLTAGE@20mA	Vf	V	3.5-4.0	1.7-2.6	1.7-2.6	1.7-2.6
LUMINOUS INTENSITY@10mA	Iv	mcd	@20mA 350-700	4.7-7.8	1.6-2.6	4.7-7.8

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

► HOW TO ORDER



ML SERIES

LED PUSH BUTTON SWITCH

▶ DIMENSION		
<p>ML - 2L□□</p>		
<p>ML - 4N□□</p>		
▶ CIRCUIT	▶ P.C.B LAYOUT	
<p>ML - 2N□□</p>	<p>ML - 2N□□</p>	<p>ML - 4N□□</p>
	<p>▶ UNIT WEIGHT</p> <ul style="list-style-type: none"> ■ COVER - POM ■ ACTUATOR - POM ■ BASE FRAME - PBT + GF ■ TERMINAL - BRASS SILVER PLATING 	
<p>ML - 4N□□</p>	<p>▶ MATERIAL</p> <ul style="list-style-type: none"> ■ ML - 2L□□ : 2.45 ± 0.05 g / pcs ■ ML - 4N□□ : 2.5 ± 0.05 g / pcs 	