

Feature


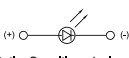
- LED illumination
- Two color available
- 2 Pole,4 Pole
- Lock/Non-lock available

Applications

- Instrumentations
- Computer Product
- Communication Equipments

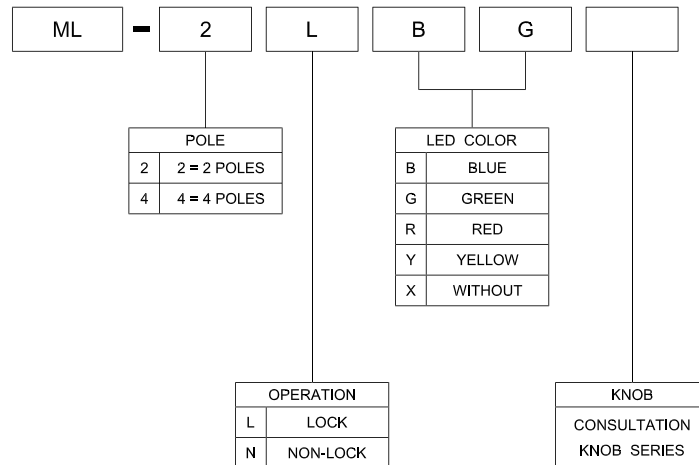
SPECIFICATIONS

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	LOCK TRAVEL - 2.5 ± 0.3 mm FULL TRAVEL - 3.3 ± 0.3 mm

LED SPECIFICATIONS						
 ATTENTION LEDs are Electrostatic Sensitive devices		Unit	Value / LED Color			
			Blue	Green	Red	Yellow
FORWARD CURRENT	I _f	mA	30	30	15	20
REVERSE VOLTAGE	V _r	V	5.0	5.0	5.0	5.0
REVERSE CURRENT	I _r	μA	50	10	10	10
FORWARD VOLTAGE@20mA	V _f	V	3.5-4.0	1.7-2.6	1.7-2.6	1.7-2.6
LUMINOUS INTENSITY@10mA	I _v	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.

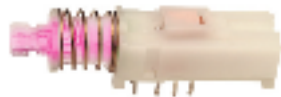
HOW TO ORDER



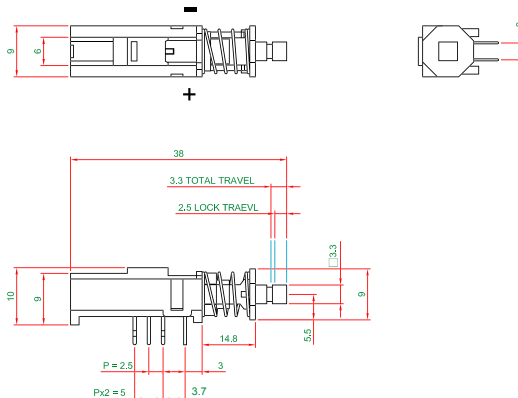


PUSH BUTTON SWITCH WITH LED ML SERIES

DIMENSION



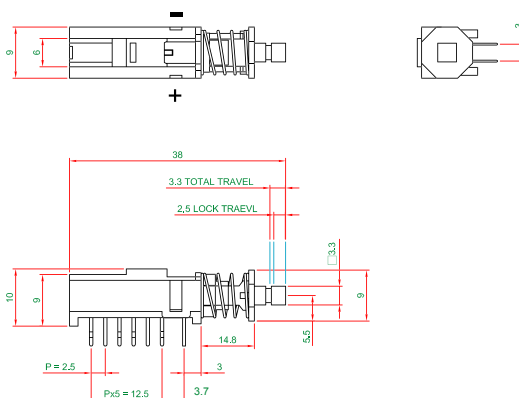
ML - 2N□□



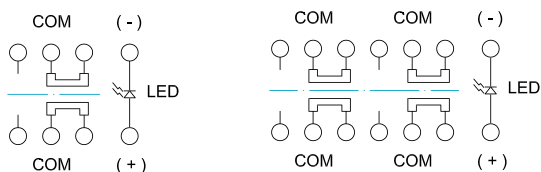
DIMENSION



ML - 4N□□



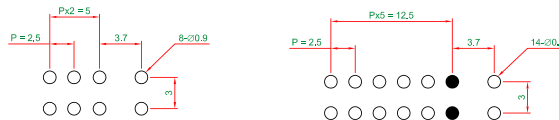
CIRCUIT



ML - 2N□□

ML - 4N□□

P.C.B LAYOUT



ML - 2N□□

ML - 4N□□

MATERIAL

- COVER - POM
- ACTUATOR - POM
- BASE FRAME - PBT + GF
- TERMINAL - BRASS SILVER

UNIT WEIGHT

- ML - 2N□□ : 2.45 ± 0.05 g / pcs
- ML - 4N□□ : 2.5 ± 0.05 g / pcs