

PS018L SERIES

LED PUSH BUTTON SWITCH



Feature -

rating: 1.7A, 13VDC,
SPDT or DPDT, lock / non-lock function

Application -

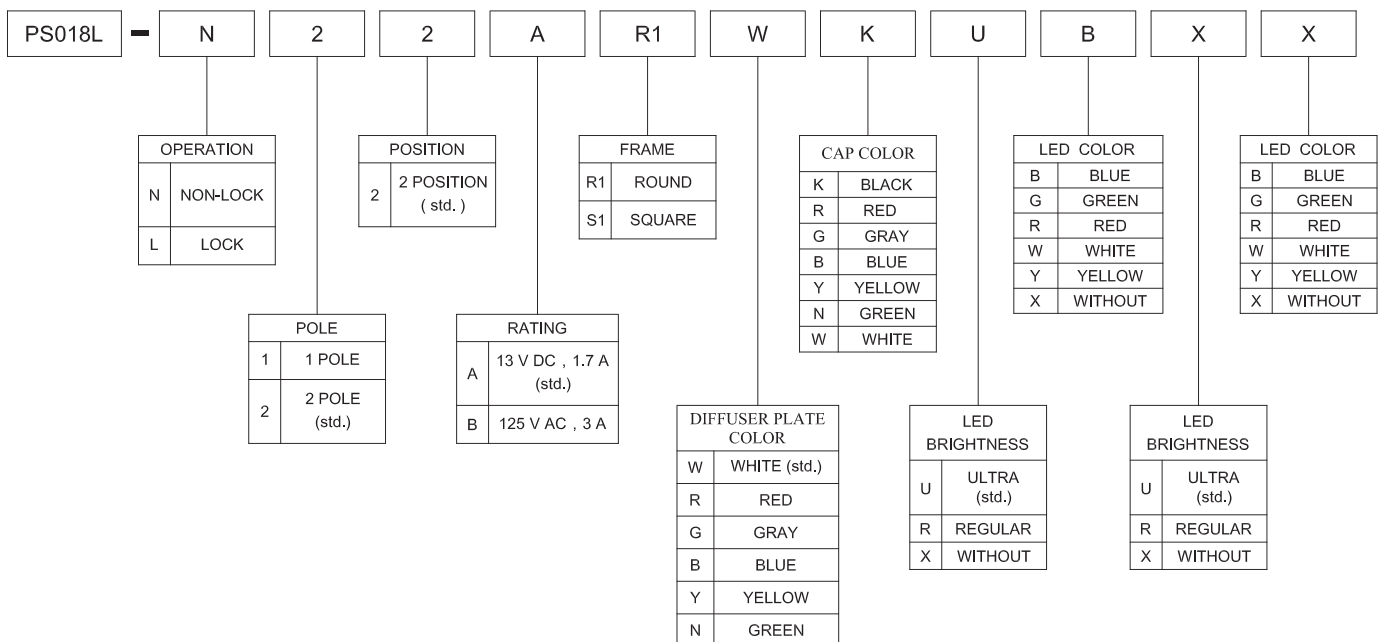
automotive
consumer products
computer products
instrumentation
communication equipments

► SPECIFICATIONS

SWITCH SPECIFICATIONS	
POLE - POSITION	1P2T or 2P2T , Lock type are Available
CONTACT RATING	13 V DC , 1.7 A or 125 V AC , 3 A
CONTACT RESISTANCE	50 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	400 ± 200 gf
OPERATING LIFE	10,000 cycles
OPERATING TEMPERATURE RANGE	-20°C ~ 70°C
TOTAL TRAVEL	3.5 ± 0.3 mm

LED SPECIFICATIONS								
ATTENTION	LEDs are Electrostatic Sensitive devices	Unit	Value / LED Color					
			Blue	Green	Red	White	Yellow	
FORWARD CURRENT	If	mA	10	20	20	2	20	
REVERSE VOLTAGE	Vr	V	5.0	5.0	5.0	5.0	5.0	
REVERSE CURRENT	Ir	μA	10	10	10	10	10	
FORWARD VOLTAGE	Vf	V	@ 10mA 3.0-4.0	2.1-2.5	2.0-2.5	@ 2mA 2.8-4.0	2.0-2.5	
LUMINOUS INTENSITY	Iv	mcd	@ 10mA 200	800	1800	@ 2mA 12	1800	

► HOW TO ORDER

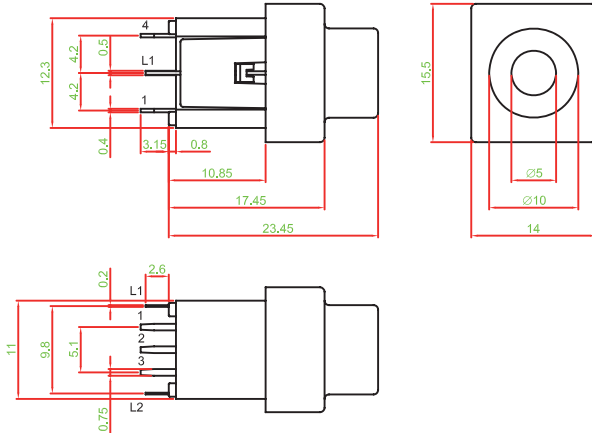


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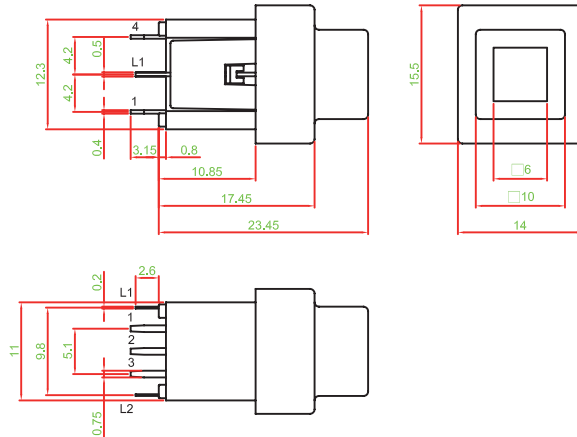
LED PUSH BUTTON SWITCH

► DIMENSION

PS018L-L22AR1WK

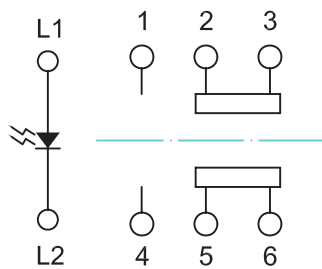


PS018L-L22AS1WK

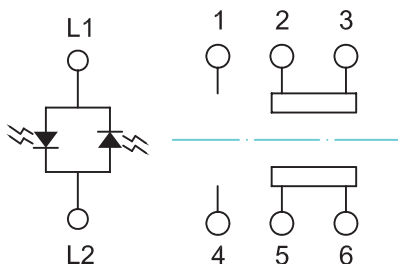


► SCHEMATIC

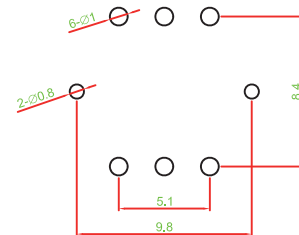
SINGLE
COLOR



TWO
COLOR



► P.C.B LAYOUT



► MATERIAL

- ACTUATOR : PA + GF
- TERMINAL : BRONZE SILVER PLATING
- FRAME : PA + GF
- SPRING : STAINLESS STEEL