



Feature -

bi-color LED illuminated available
SPST, DPDT, lock / non-lock function

Application -

audio / video products
instrumentation
communication equipments

► **SPECIFICATIONS**

SWITCH SPECIFICATIONS	
POLE - POSITION	SPST, DPDT
CONTACT RATING	30 V DC, 0.1 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 for 1 minute
DIELECTRIC STRENGTH	Breakdown is not Allowable; 500 V AC for 1 Minute
OPERATING FORCE	250 ± 100 gf
OPERATING LIFE	100,000 cycles
OPERATING TEMPERATURE RANGE	-20°C ~ 70°C
TOTAL TRAVEL / LOCK TRAVEL	2.5 ± 0.3 mm / 1.5 ± 0.3 mm

LED SPECIFICATIONS							
	ATTENTION		Unit	Value / LED Color			
	LEDs are Electrostatic Sensitive devices			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.

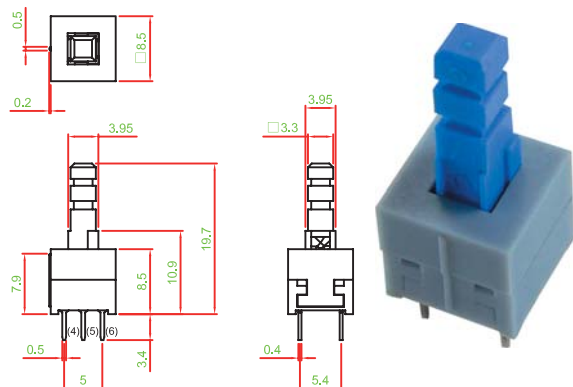
► **HOW TO ORDER**

PS010	N	2	2	N	P	A	A	A	U	R	X	X
	OPERATION N NON-LOCK (std.) L LOCK TYPE	POSITION 2 2 POSITION (std.)		TERMINAL P P.C.B TYPE (std.)		ACTUATOR A A TYPE 19.7mm (std.)		LED BRIGHTNESS U ULTRA (std.) R REGULAR X WITHOUT		LED BRIGHTNESS U ULTRA (std.) R REGULAR X WITHOUT		
		POLE 2 2 POLE (std.) 1 1 POLE		TIMING N NON - SHORTING (std.)		FRAME A NONO LED B 3.7mm LED DISTANCE C 5.7mm LED DISTANCE C1 5.7mm LED DISTANCE		CAP A WITHOUT (std.) B B TYPE (Only by B & C1 frame)		LED COLOR B BLUE G GREEN R RED W WHITE Y YELLOW X WITHOUT		LED COLOR B BLUE G GREEN R RED W WHITE Y YELLOW X WITHOUT

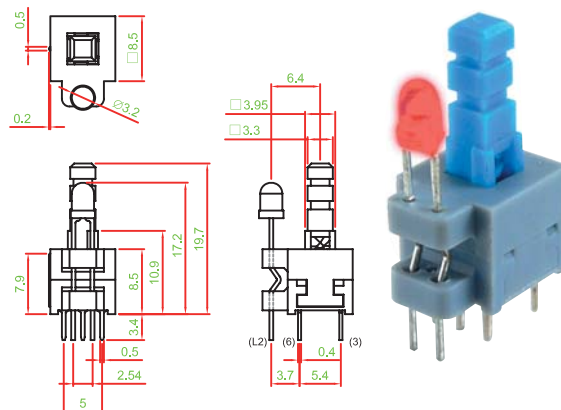


► DIMENSION

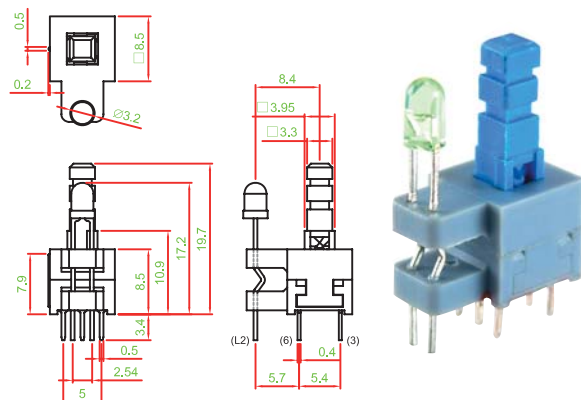
PS010 - N22NPAAAXXX



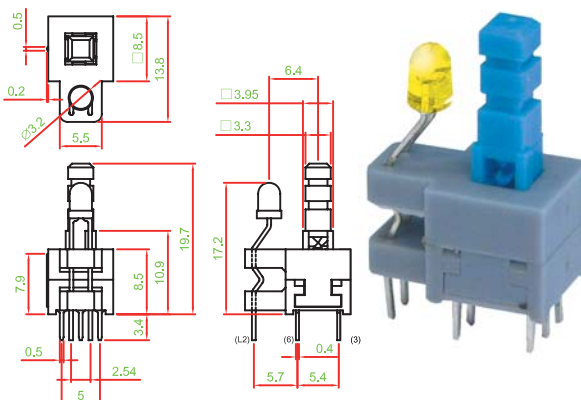
PS010 - N22NPBAA □ □ □ □



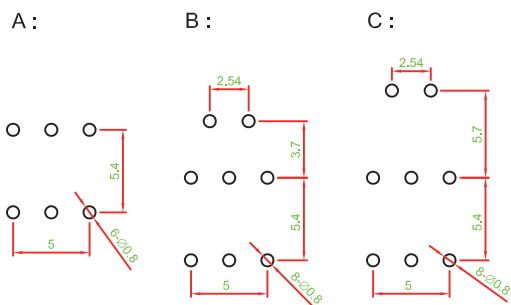
PS010 - N22NPCAA □ □ □ □



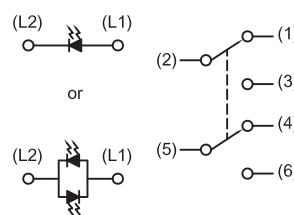
PS010 - N22NPC1AA □ □ □ □



► P.C.B LAYOUT



► CIRCUIT



► KNOB OPTION



► MATERIAL

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