

PS016 SERIES
LED PUSH BUTTON SWITCH



Feature -

- noiseless
- bi-color LED illuminated available
- long electrical life cycles
- long contact travel
- SPST, momentary function

Application -

- audio / video products.
- instrumentation
- communication equipments

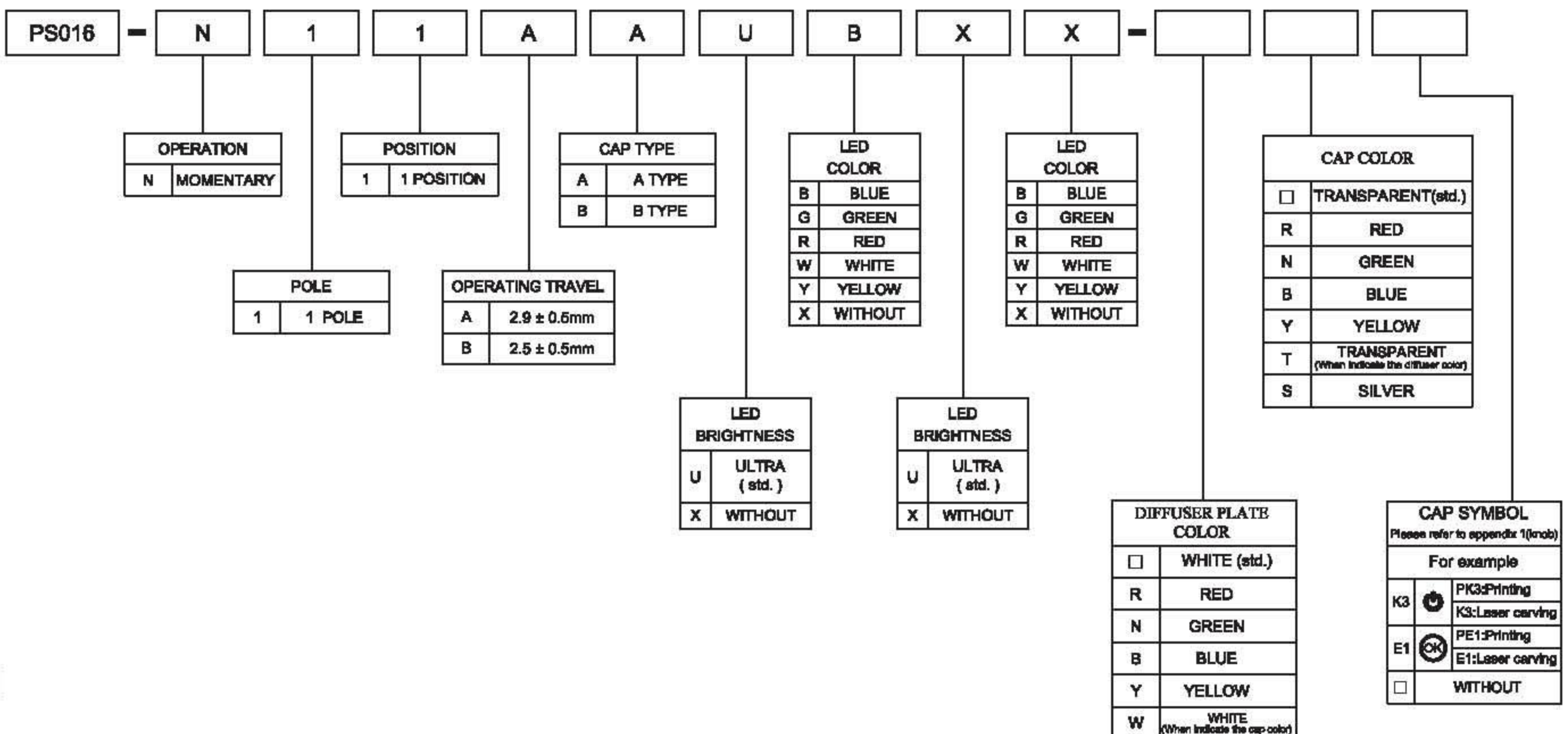
► **SPECIFICATIONS**

SWITCH SPECIFICATIONS	
POLE - POSITION	OFF - ON for Momentary Type , SPST
RATING	POWER : 1 Watt MAX. CURRENT : 50uA MIN. / 100mA max. VOLTAGE : DC 20V MAX.
CONTACT RESISTANCE	150 mΩ MAX.
BREAKDOWN VOLATAGE	230 V DC
INSULATION RESISTANCE	10 MΩ MIN. 500 V DC
DIELECTRIC STRENGTH	Breakdown is not Allowable ; 500 V AC for 1 Minute
OPERATING FORCE	250 ± 50 gf
OPERATING LIFE	50,000,000 cycles
TEMPERATURE RANGE	OPERATING : -5°C ~ 60°C STORAGE : -40°C ~ 90°C
TOTAL TRAVEL	3.3 ± 0.3 mm

LED SPECIFICATIONS		Unit	Value / LED Color			
			Blue	Green	Red	Yellow
ATTENTION	LEDs are Electrostatic Sensitive devices					
FORWARD CURRENT	I _f	mA	20	20	20	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	3.3-4.0	2.1-2.5	2.0-2.5	2.0-2.5
LUMINOUS INTENSITY@20mA	I _v	mcd	40	60	280	80

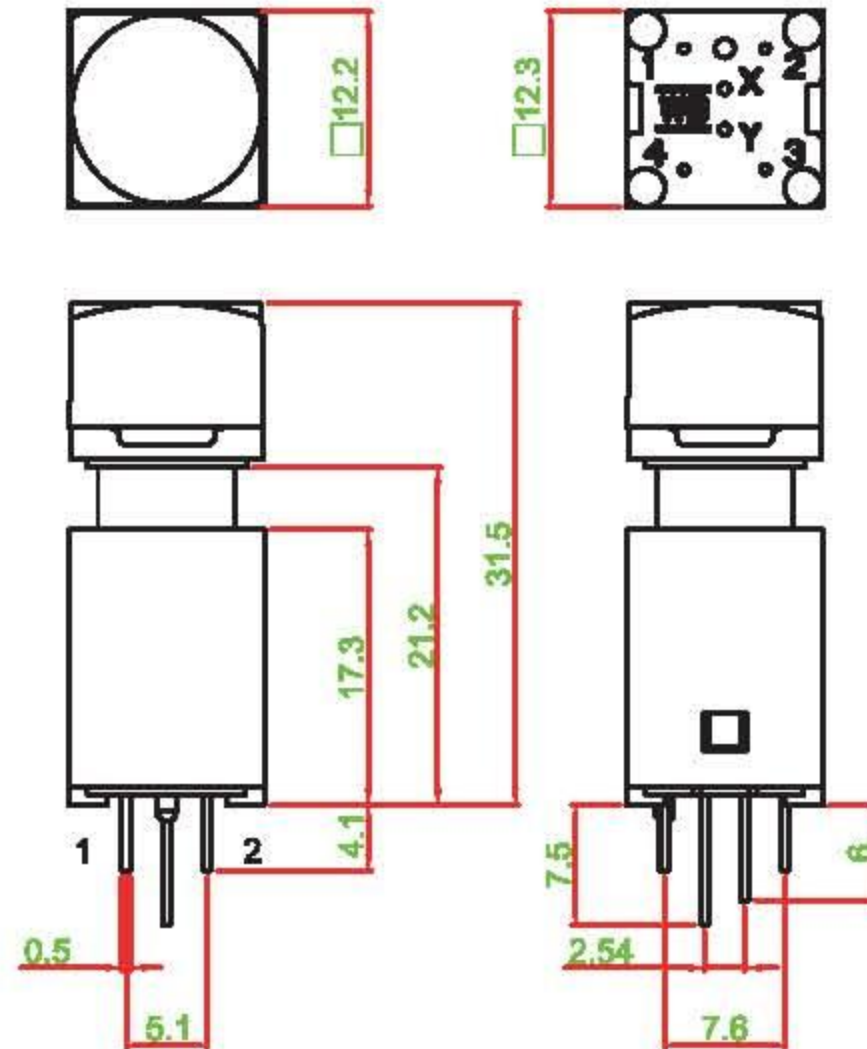
Physical and electrical information of LED will be provided upon customer's request on switches .

► **HOW TO ORDER**

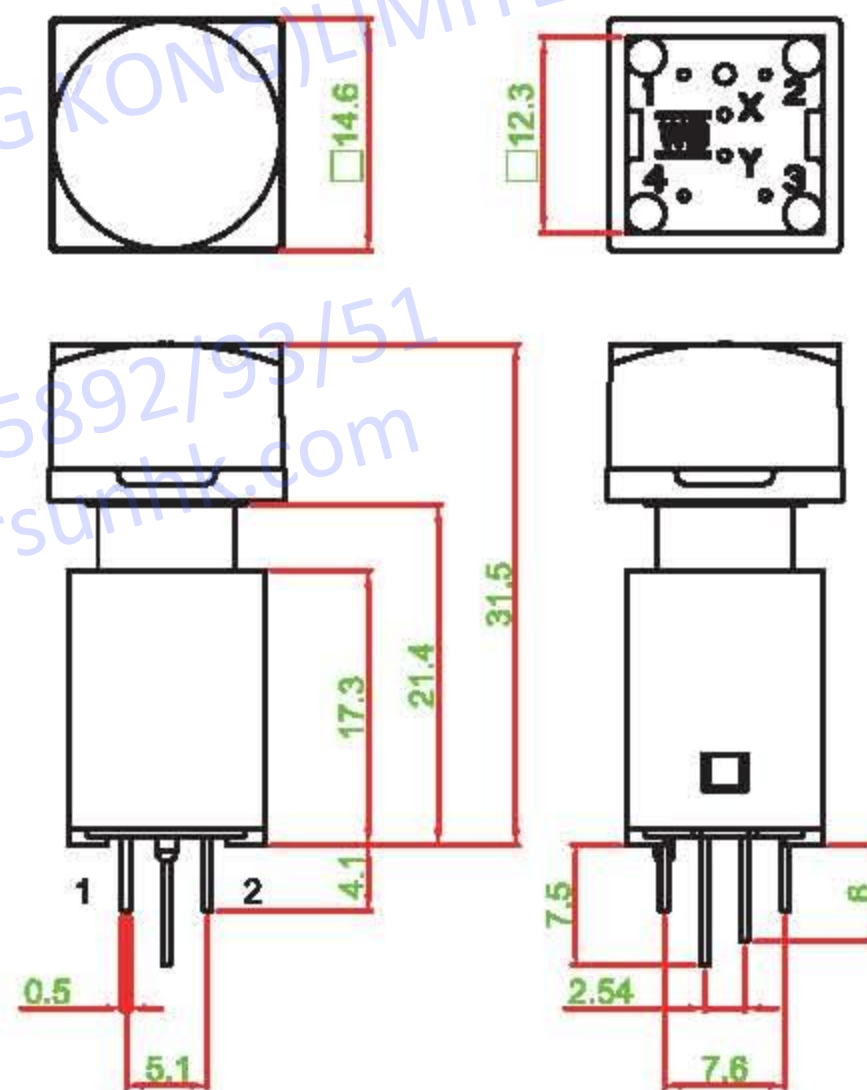


▶ **DIMENSION**

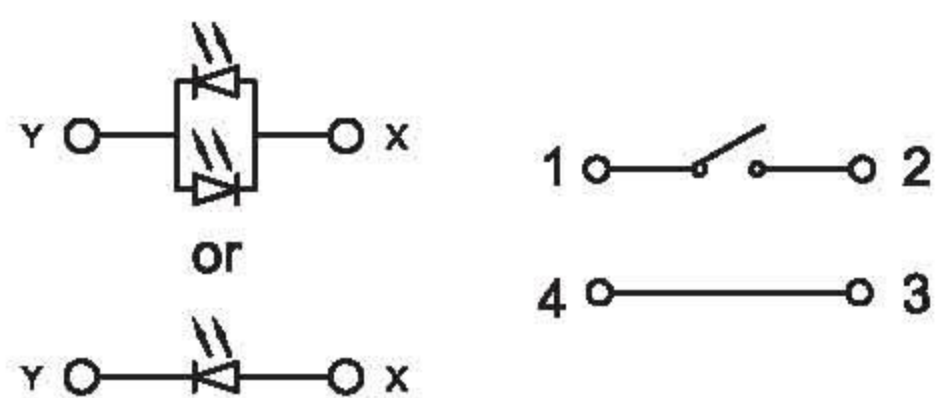
PS016 - N11AA □□□□



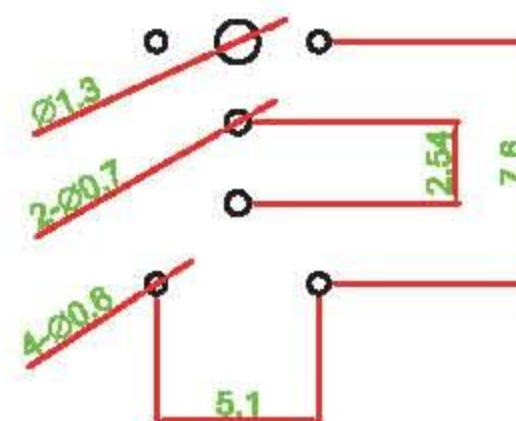
PS016 - N11AB □□□□



▶ **SCHEMATIC**



▶ **P.C.B LAYOUT**



▶ **MATERIAL**

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

