

PS006 SERIES

LED PUSH BUTTON SWITCH



Feature -

- noiseless
- bi-color LED illuminated available
- long life cycles
- SPST, DPST, momentary function

Application -

- audio / video products
- instrumentation
- communication equipments

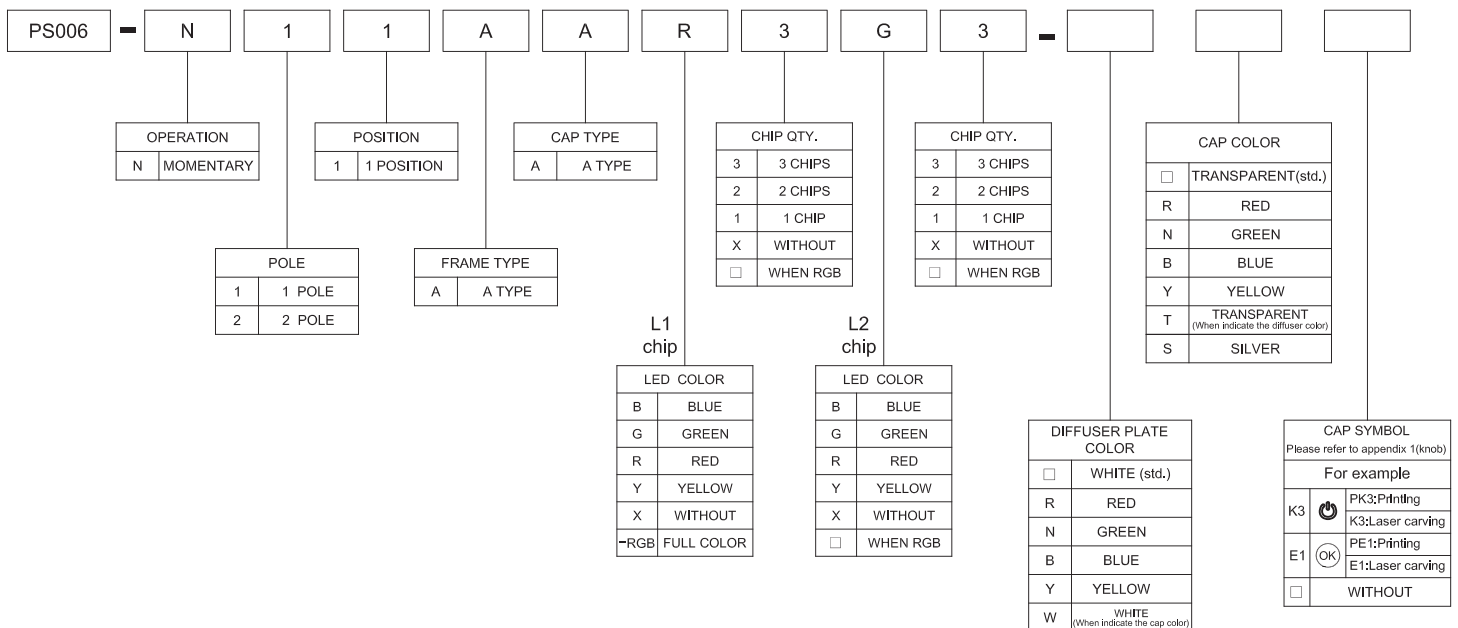
► SPECIFICATIONS

SWITCH SPECIFICATIONS	
POLE - POSITION	OFF - ON for Momentary Type , SPST , DPST
CONTACT RATING	12mA 12V DC
CONTACT RESISTANCE	200 mΩ MAX.
INSULATION RESISTANCE	100 MΩ MIN. 500 V DC
DIELECTRIC STRENGTH	Breakdown is not Allowable ; 500 V AC for 1 Minute
OPERATING FORCE	150 ± 100 gf (SPST) 200 ± 150 gf (DPST)
OPERATING LIFE	200,000 cycles
OPERATING TEMPERATURE RANGE	-20°C ~ 70°C
TOTAL TRAVEL	2.2 ± 0.2 mm

LED SPECIFICATIONS		Value / LED Color			
ATTENTION	Unit	Red	Yellow	Green	Blue
		LEDs are Electrostatic Sensitive devices			
FORWARD CURRENT	If	20	20	20	20
REVERSE VOLTAGE	Vr	5.0	5.0	5.0	5.0
REVERSE CURRENT	Ir	10	10	10	10
FORWARD VOLTAGE@20mA	Vf	1.7-2.2	1.7-2.2	1.8-2.4	2.7-3.7
LUMINOUS INTENSITY@20mA	Iv	230	230	410	585

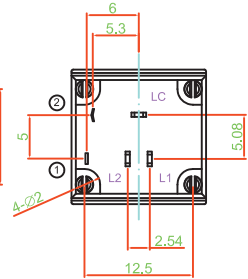
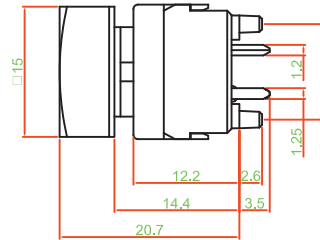
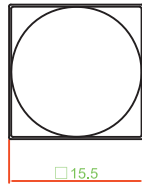
■ Physical and electrical information of LED will be provided upon customer's request on switches .

► HOW TO ORDER

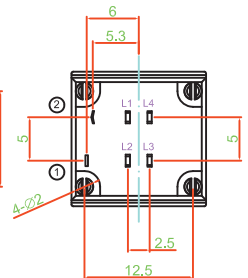
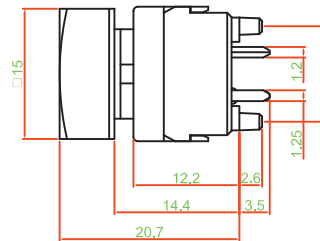
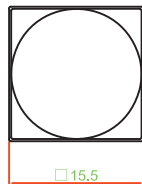


► DIMENSION & FRAME TYPE

PS006-N11AA□□□□



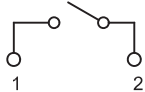
PS006-N11AA-RGB



► SCHEMATIC

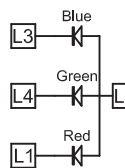
SWITCH

1P1T

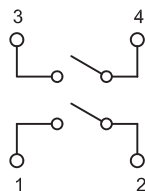


LED

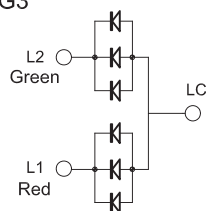
RGB



2P1T

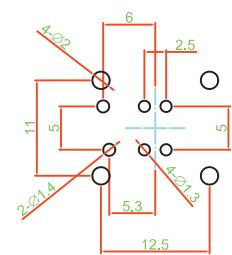
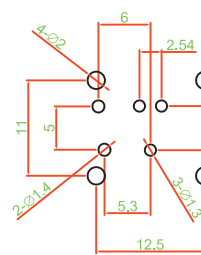


R3G3

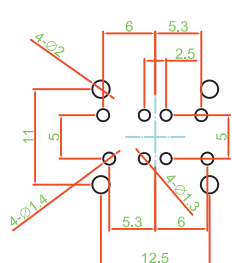
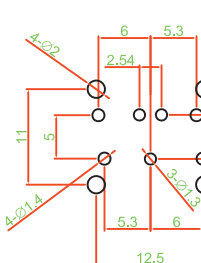


► P.C.B LAYOUT

1P1T



2P1T



► MATERIAL

- COVER : PC
- ACTUATOR : POM
- BASE FRAME : PA + GF
- TERMINAL : BRASS NICKEL PLATING & GOLD FLASH
- MOVING CONTACT : BRASS NICKEL PLATING & GOLD FLASH

► UNIT WEIGHT

- PS006-N11AA□□ : 4.1 ± 0.05 g / pc
- PS006-N21AA□□ : 4.3 ± 0.05 g / pc

