

LED PUSH BUTTON SWITCH



Feature -



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

Application -

audio / video products
instrumentation
communication equipments

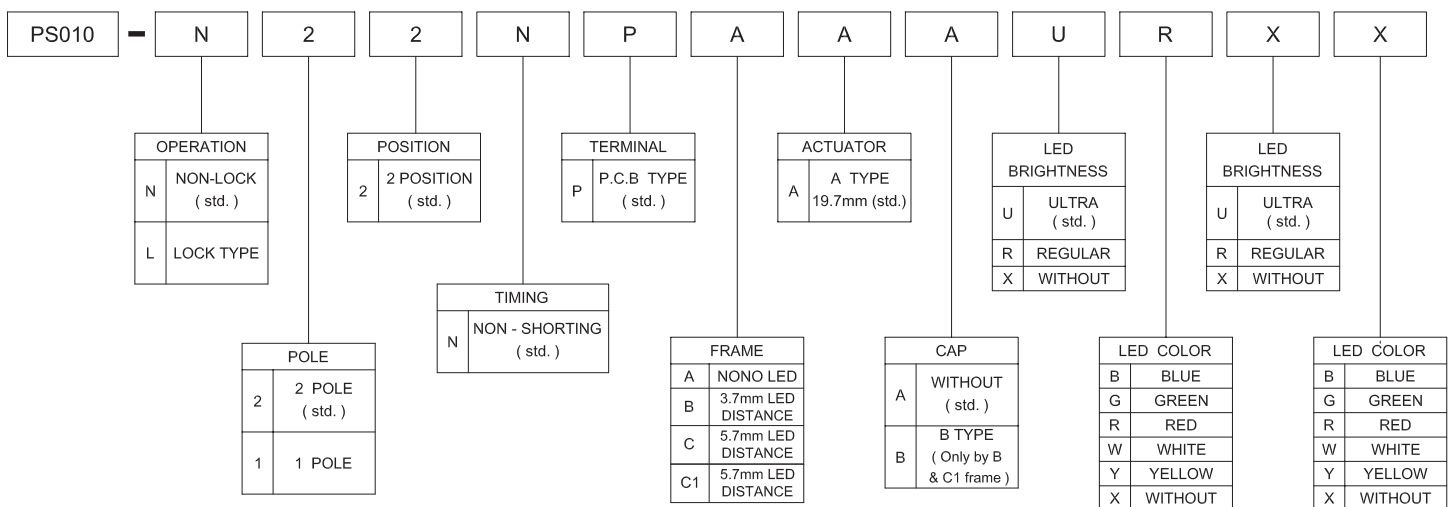
► SPECIFICATIONS

| 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 LEDs are Electrostatic Sensitive devices  | | Unit | Value / LED Color | | | |
| | | | 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 |

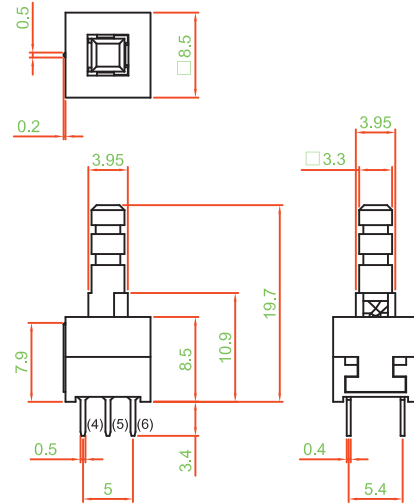
■ Physical and electrical information of LED will be provided upon customer's request on switches .

► HOW TO ORDER

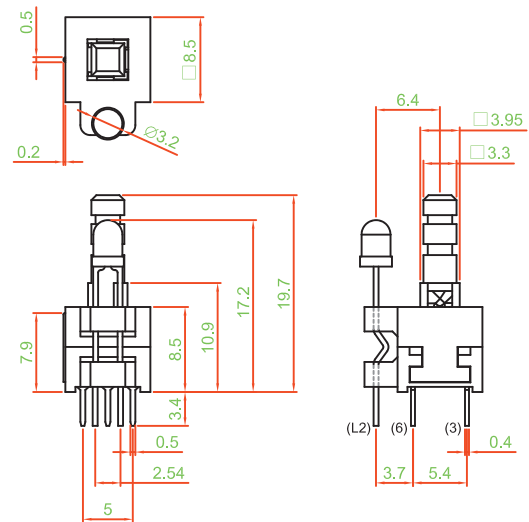


► DIMENSION

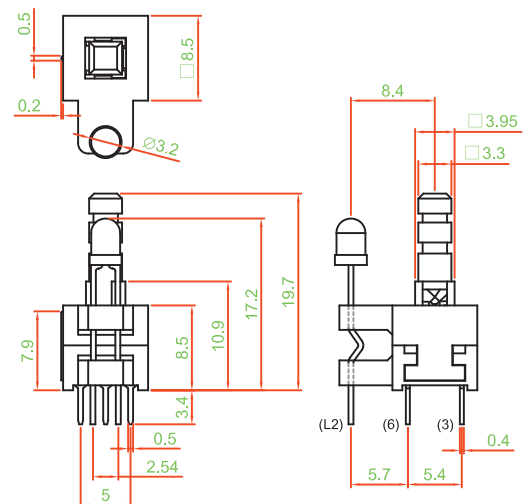
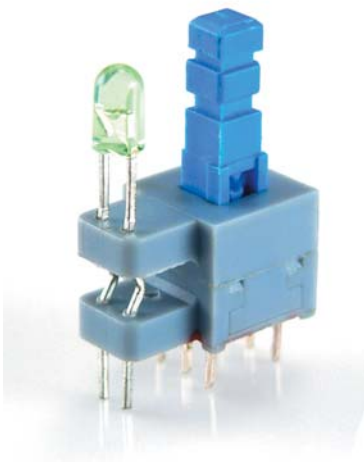
PS010 - N22NPAAAXXX



PS010 - N22NPBAA ☐ ☐ ☐ ☐



PS010 - N22NPCAA ☐ ☐ ☐ ☐

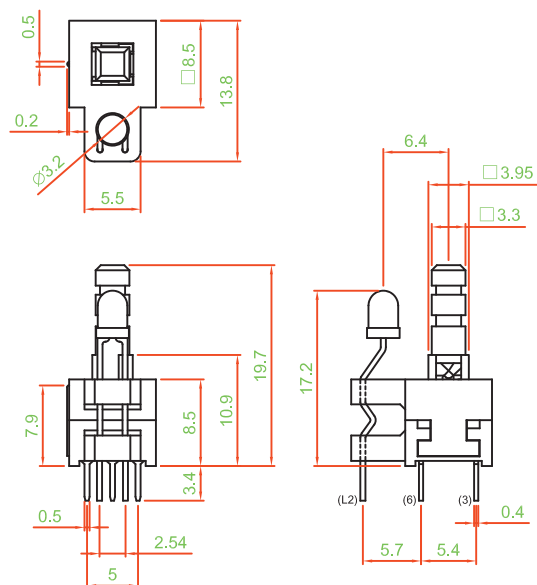
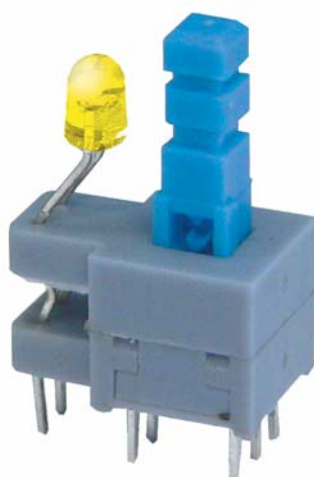


PS010 SERIES

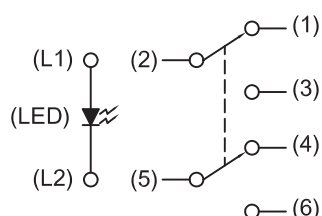
LED PUSH BUTTON SWITCH

DIMENSION

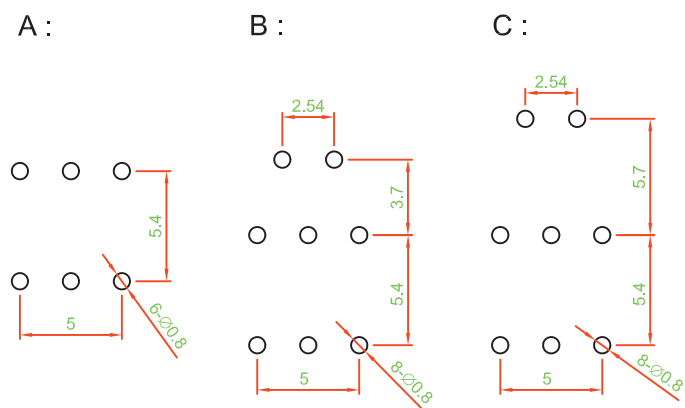
PS010 - N22NPC1AA □ □ □ □



CIRCUIT



P.C.B LAYOUT



KNOB OPTION



MATERIAL

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

UNIT WEIGHT

- PS010 - N 2 2 N P A A □ □ □ □ : 1.00 ± 0.05 g / pc
- PS010 - N 2 2 N P B A □ □ □ □ : 1.15 ± 0.05 g / pc
- PS010 - N 2 2 N P C A □ □ □ □ : 1.25 ± 0.05 g / pc