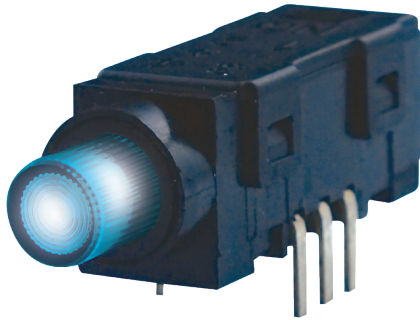



**Feature -**

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

**Application -**

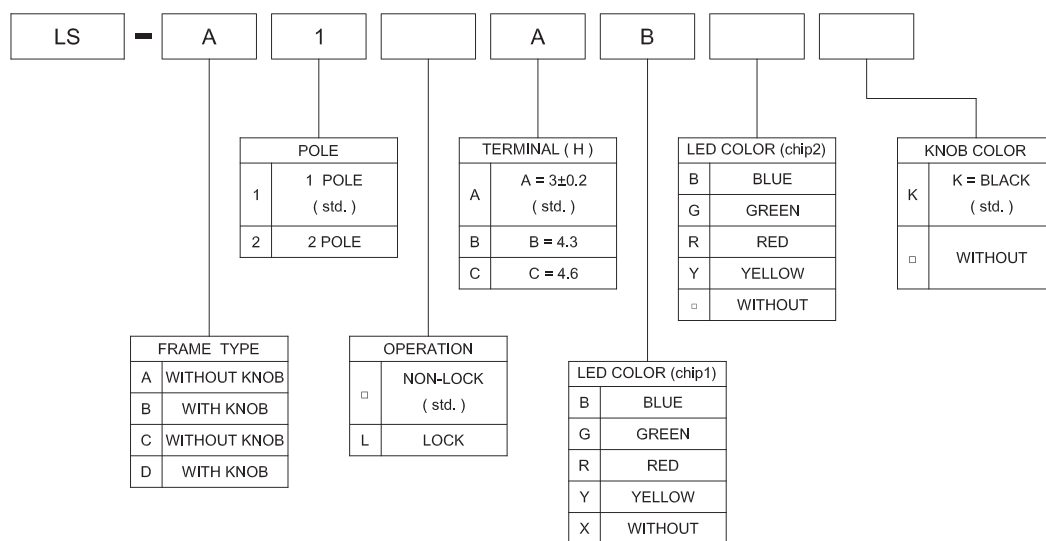
computer products  
office appliance  
communication equipments

**SPECIFICATIONS**

| SWITCH SPECIFICATIONS       |                                                             |
|-----------------------------|-------------------------------------------------------------|
| POLE - POSITION             | Momentary Type , LOCK Type with LED                         |
| CONTACT RATING              | 36 V DC , 0.2 A                                             |
| CONTACT RESISTANCE          | 40 mΩ MAX. 1.5 V DC ; 100 mA ,<br>by Method of Voltage DROP |
| INSULATION RESISTANCE       | 100 MΩ MIN. 500 V DC                                        |
| DIELECTRIC STRENGTH         | Breakdown is not Allowable ;<br>500 V AC for 1 Minute       |
| OPERATING FORCE             | NON-LOCK TYPE : 200 ± 100 gf<br>LOCK TYPE : 300 ± 100 gf    |
| OPERATING LIFE              | 10,000 cycles                                               |
| OPERATING TEMPERATURE RANGE | -20°C ~ 70°C                                                |
| TOTAL TRAVEL                | FULL TRAVEL : 2.2 ± 0.3 mm<br>CONTACT TRAVEL : 1.6 ± 0.3 mm |

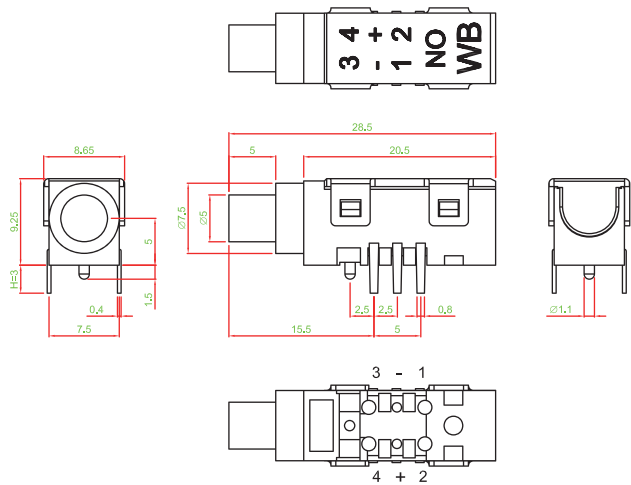
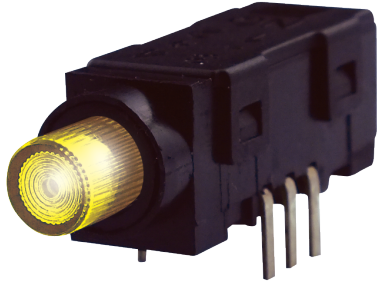
| LED SPECIFICATIONS                                                                                                                      |               |      |                   |         |         |         |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------|------|-------------------|---------|---------|---------|
|  ATTENTION<br>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 .

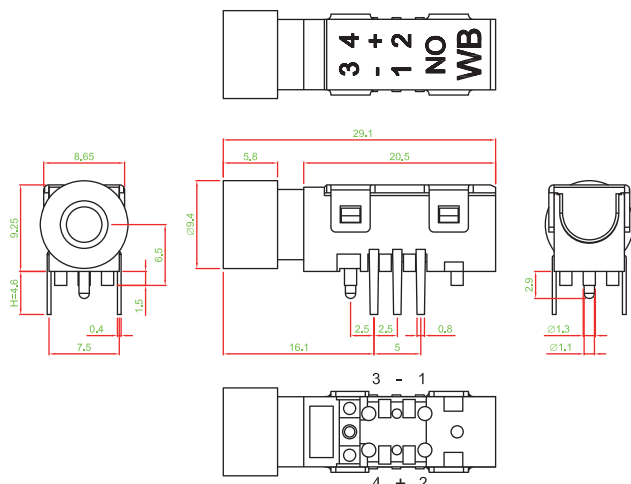
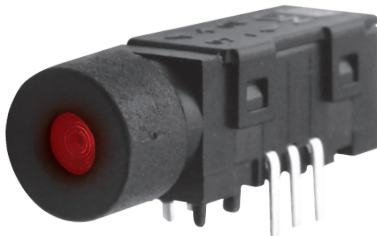
**HOW TO ORDER**


## ▶ DIMENSION

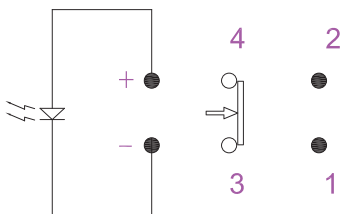
LS - A1A □□



LS - D1C □□K



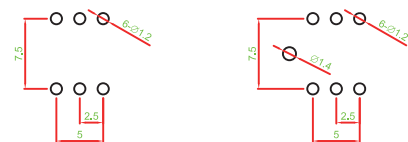
## ▶ CIRCUIT



## ▶ P.C.B LAYOUT

FRAME A or B

FRAME C or D



## ▶ MATERIAL

- COVER : PA + GF
- BASE FRAME : PA + GF
- ACTUATOR : PA + GF
- TERMINAL : SILVER PLATING / GOLD PLATING