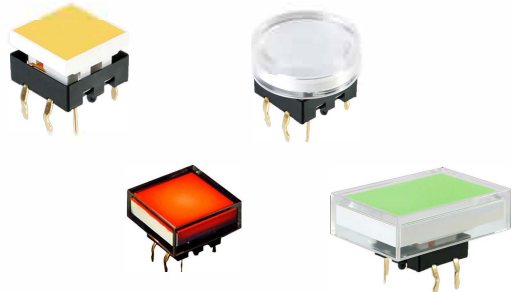


■ Specifications

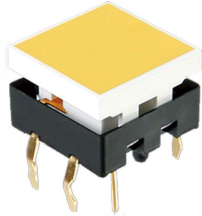


Circuit	:SPST
Current Rating	:50mA @ 12VDC
Contact Resistance	:100mOhm Max.(initial)
Insulation Resistance	:100MOhm Min.
Operating Force	:300gf ± 100gf
Total Travel	:0.3mm±0.1mm
Mechanical Life	:5,000,000 cycles Min.
Operating Temperature	:-25 deg.~+60 deg.
Solder Specifications	:260 deg. for 3 seconds

Materials

Cover	:Polycarbonate (PC)
Cap	:Polycarbonate (PC)
Housing	:Polyamide (PA)
Base	:Polyamide (PA)
Lamp Term.	:Phosphor bronze (PBS) with gold plating
Act. Dome	:SUS with silver plating
End Term.	:Brass with gold plating
LED	:Surface Mount Chip LED

SPL12

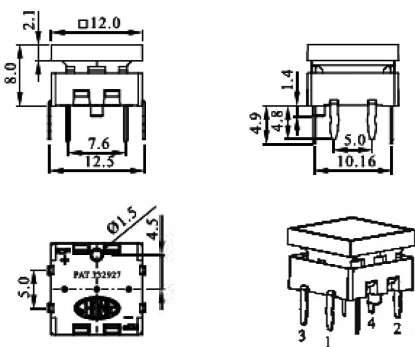


Key Features

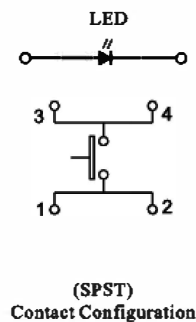
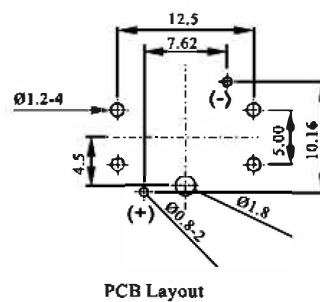
- LED illuminated push button switch
- Momentary function
- Single/bi-colour LED illumination
- 12mm square cap
- Compatible with Smart Caps.
- Tactile click

PCB layout & Circuit Diagram

SPL12 Dimension



Contact Configuration



How to Order

S P L 1 2 - - - - Z

Function Code	
P	Illuminated Switch

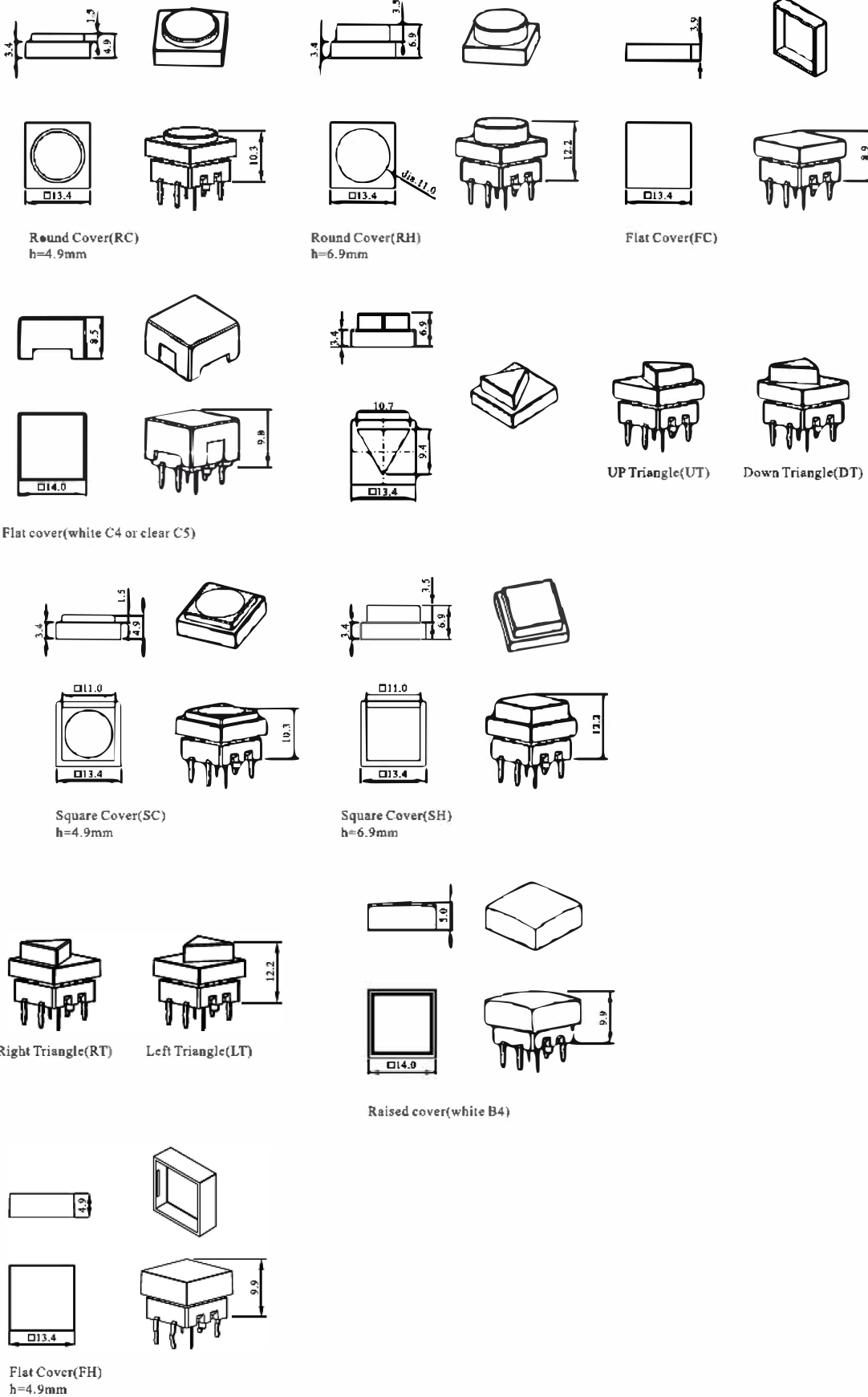
Diffuser Colors	
1	Red
2	Yellow
3	Green
4	White

LED Colors	
01	Red
S2S	Super Yellow
03	Green
P3S	Pure Green
4S	White
7S	Blue

Cover style / Color	
00	Without Cover
FC	Flat/clear
FH	Flat/clear h=4.9mm
RC	Round h=4.9mm/clear
RH	Round h=6.9mm/clear
SC	Square h=4.9mm/clear
SH	Square h=6.9mm/clear
UT	UP Triangle/clear
DT	Down Triangle/clear
RT	Right Triangle/clear
LT	Left Triangle/clear
C4	Flat cover/white
C5	Flat cover/Foggy
B4	Raised cover/white
B5	Raised cover/clear

EXAMPLE : SPL12P-2-S2S-FC
Illuminated tact switch PCB type - Yellow cap - Super Yellow led-Flat cover

SPL12 Cover Style



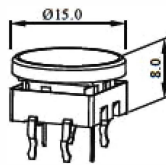
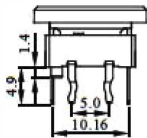
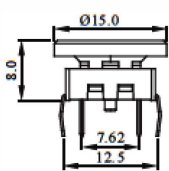
SPL15



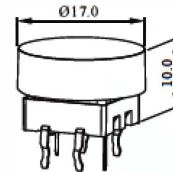
Key Features

- ∅ 15mm cap
- Momentary with a tactile click
- Single/Bi-colour LED illumination
- Compatible with Smart Caps.

PCB layout & Circuit Diagram



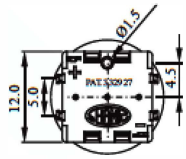
Standard switch unit



Switch with VAT cover



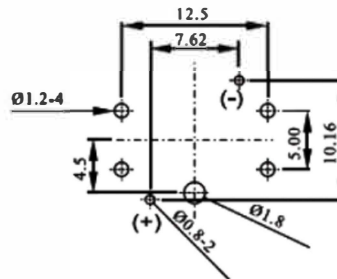
Switch with CVT cover



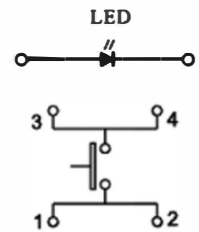
Suggested Panel Cut



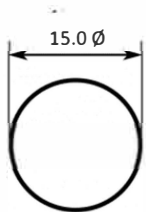
Circuit



PCB Layout



(SPST)
Contact Configuration



How to Order

S P L 1 5 — [] — [] [] [] — [] [] [] -Z

Cap Colors	
1	Red
2	Yellow
3	Green
4	White
7	Blue

LED Colors	
01	Red
S2S	Super Yellow
03	Green
P3S	Pure Green
4S	White
7S	Blue

Cover style	
--	Without Cover
VAT	Flat
CVT	Concave

SPL16

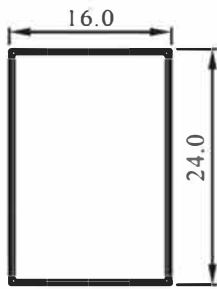


Key Features

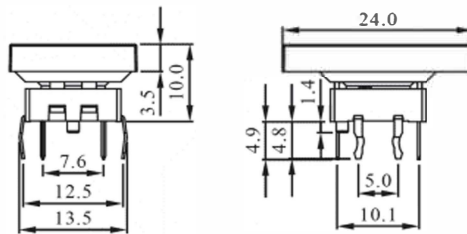
- Ø 16mm cap
- Momentary with a tactile click
- Rectangular cap
- Single/Bi-colour LED illumination
- Compatible with Smart Caps.

PCB layout & Circuit Diagram

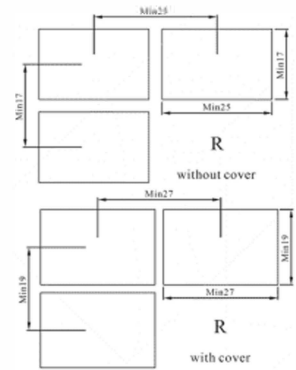
Top View



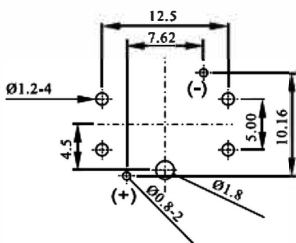
Side View



Suggested Panel Cut-out

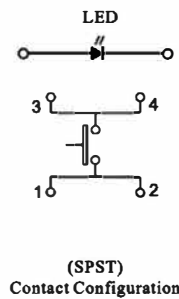


Circuit

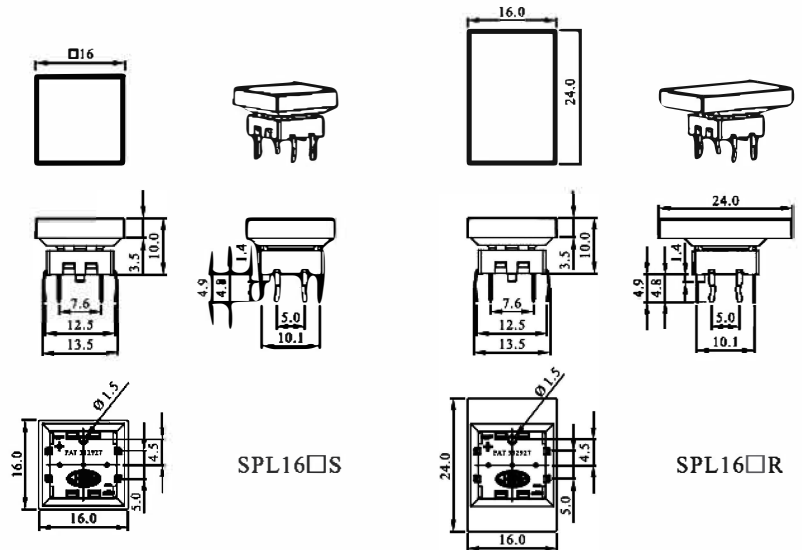


PCB Layout

Dimensions



(SPST)
Contact Configuration



SPL16

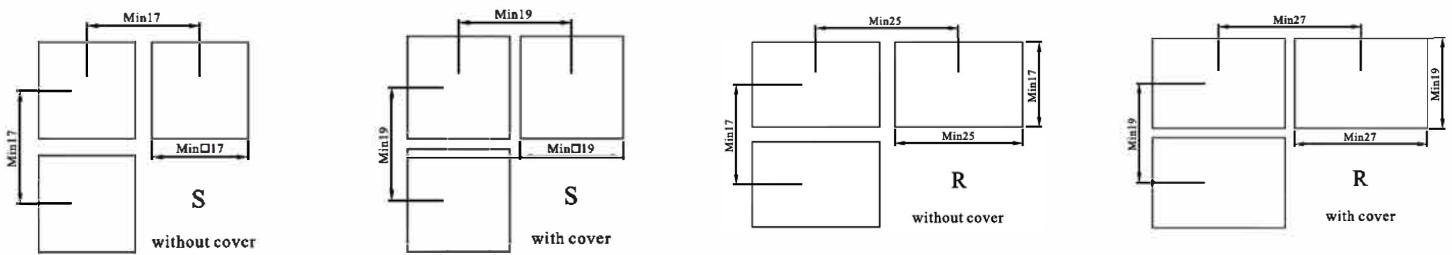


Key Features

- ∅ 16mm cap
- Momentary with a tactile click
- Rectangular cap
- Single/Bi-colour LED illumination
- Compatible with Smart Caps.

PCB layout & Circuit Diagram

Suggested Panel Cut



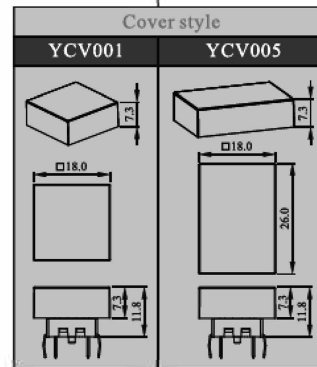
How to Order

SPL16 - - - YCV - Z

Apparent shaped	
S	Square
R	Rectangular

Diffuser Colors	
1	Red
2	Yellow
3	Green
4	White
7	Blue

LED Colors	
01	Red
S2S	Super Yellow
03	Green
P3S	Pure Green
4S	White
7S	Blue



■ SPL16



■ How to Order

