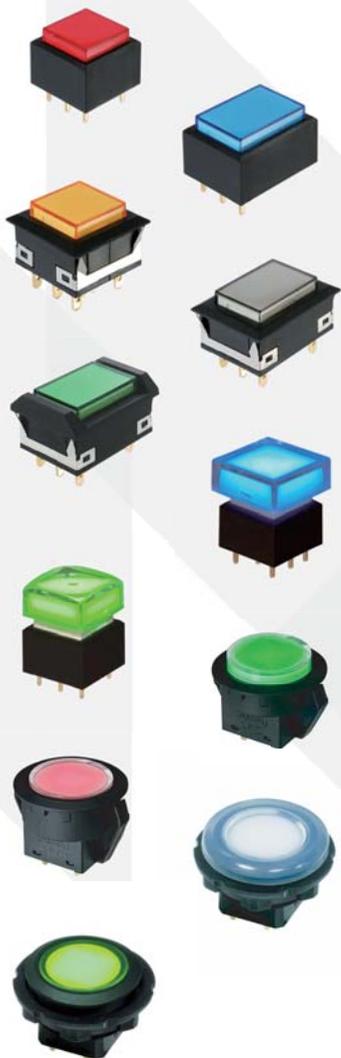


Pushbutton Switches Series SPC



General Specifications

Switch circuit : SPDT or DPDT
 Switch contact rating : 3A @ 125/250V AC or 3A @ 30V DC
 LED rating : Limited forward current(IF) at 20mA max
 Contact Resistance : 50 m Ohm Max(initial)
 Insulation Resistance : 200 M Ohm Min
 Operating Force : Single pole: 190gf±50gf
 Double pole: 200gf±50gf

Total Travel : 2.3mm±0.5mm
 Mechanical Life : 1,000,000 cycles min. for Momentary.
 200,000 cycles min. for Alternate.

Electrical Life : 10,000 cycles min. for silver alloy contact
 Operating Temperature : -25°C ~ +50 °C
 Function : Momentary or Alternate

Material

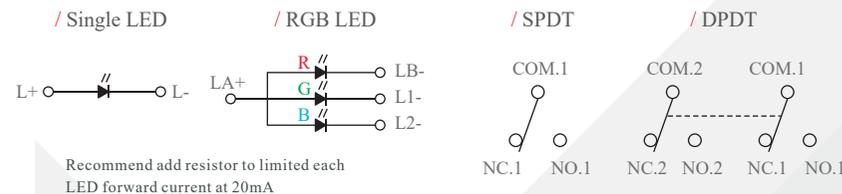
Cap : Polycarbonate(PC)
 Housing : Polyamide (PA)
 Snap-in Frame : Stainless steel
 Switch/LED Terminal : Phosphor bronze (PBS) with gold plating
 Movable Contacts : Gold flash over silver alloy
 Spring : Piano wire
 Base : Polyamide(PA)

Features

- Bright LEDs of Single, RGB colors available.
- Full face illumination plus in square or rectangular models.
- Combination of PCB mounting and Panel snap-in.
- Small and short body for mounting in tight spaces.
- Snap-action contact mechanism.
- Momentary and Alternate available.

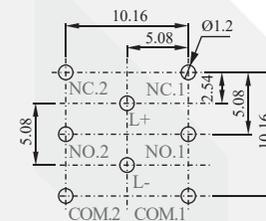
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Contact Configuration

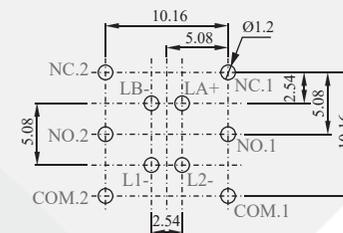


PCB Layout

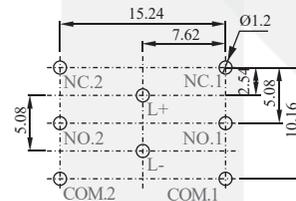
/ Single LED (Square Type)



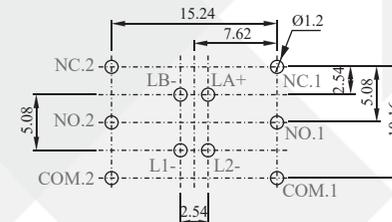
/ RGB LED (Square Type)



/ Single LED (Rectangular Type)



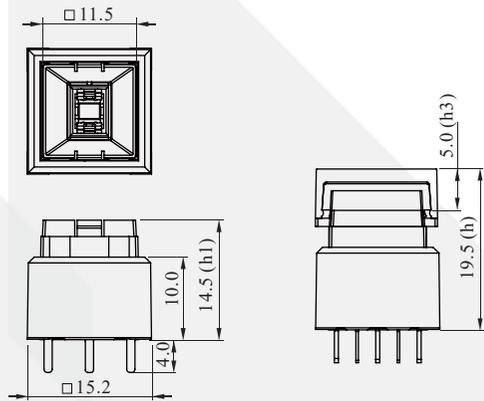
/ RGB LED (Rectangular Type)



Note:
 Single & Double Pole: Single pole do not have terminal Com2, NO.2. and NC2

Pushbutton Switches Series **SPC**

Dimension (SPCG)



EXAMPLE:
 SPCGMS1YCS0054
 (h1) 14.5mm + (h3) 5.0mm
 = (h) 19.5mm
 From Page 43

How to order (SPCG)

SPCG

Function Code	
MS	Momentary, SPDT
MD	Momentary, DPDT
AS	Alternate, SPDT
AD	Alternate, DPDT

LED Colors	
0	Without LED
Single Colors	
1	Red
2	Super Yellow
4	White
5	Pure Green
7	Blue
Tri-colors LED	
9	RGB Full color

SMART
CAP Page 34

11.5
 Page 46

EXAMPLE:
 SPCGMS1YCS0054