

Pushbutton Switches Series **SPC/SPCG**



General Specifications

Circuit :SPDT or DPDT
 Rating :3A 125/250V AC or 3A 30VDC
 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

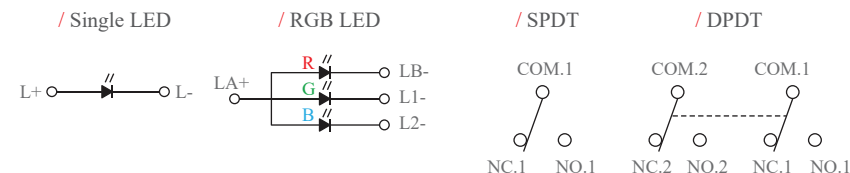
Cap :Polycarbonate(PC)
 Housing :Polyamide (PA)
 Snap-in Frame :Stainless steel
 Switch/LED Terminal :Phosphor bronze (PBS) with gold plating
 Movable Contacts :Silver alloy
 Spring :Piano wire
 Base :Polyamide(PA)
 LED :Surface type LED

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.

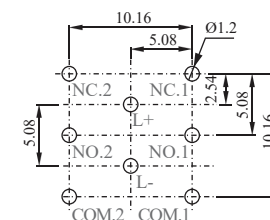
PAT. I 328825
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Contact Configuration

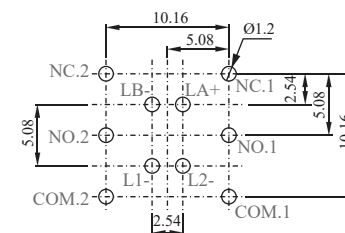


PCB Layout

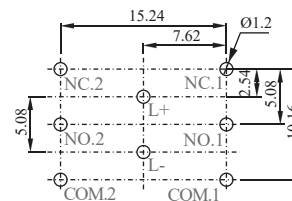
/ Single LED (Square Type)



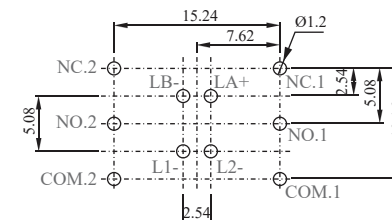
/ RGB LED (Square Type)



/ Single LED (Rectangular Type)



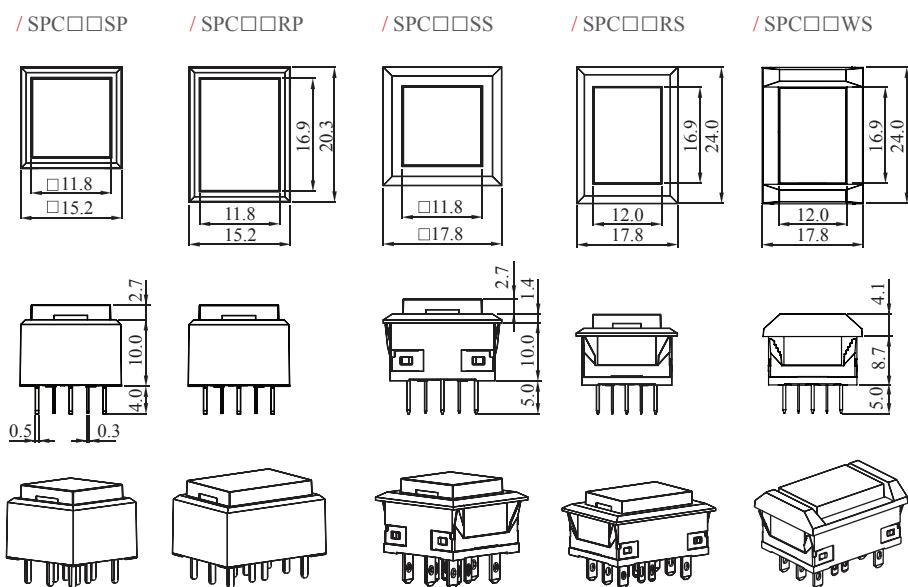
/ RGB LED (Rectangular Type)



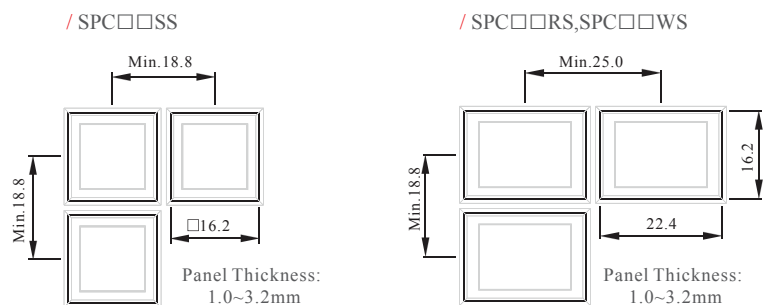
Note:
 Single & Double Pole: Single pole do not have terminal Com2, NO.2. and NC2

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Dimension

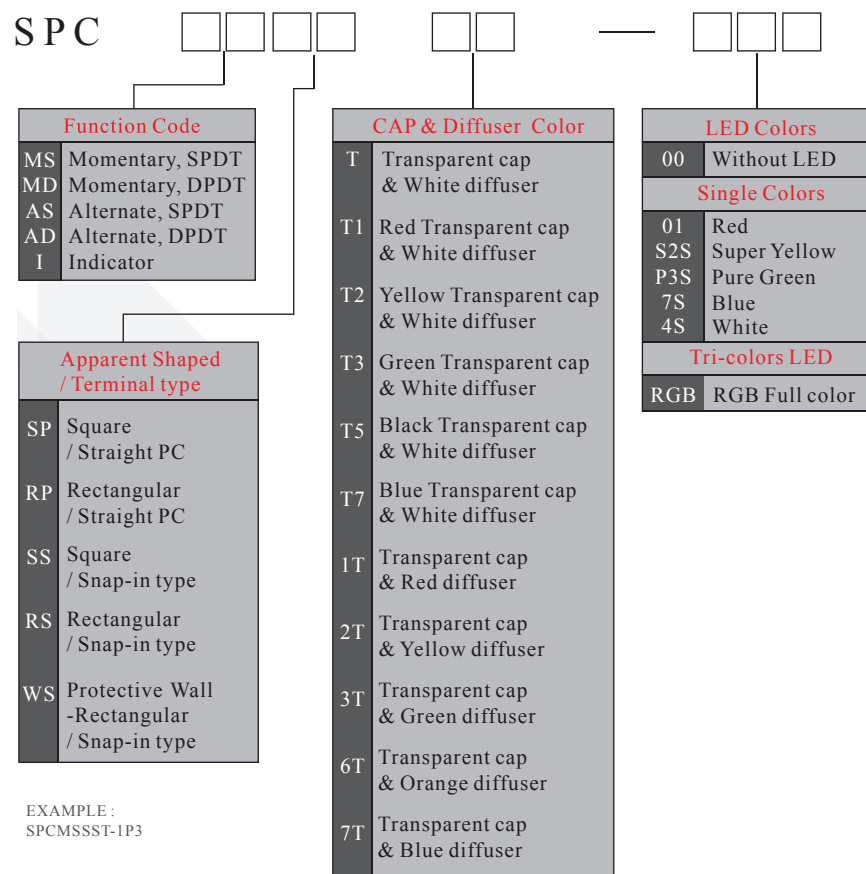


Panel cutting



How to order

SPC



EXAMPLE :
SPCMSST-1P3

Pushbutton Switches Series **SPC/SPCG**



Dimension (SPCGS)

/ SPCGSA
ex:AFC Cap

/ SPCGSB
ex:AFC Cap

/ SPCGSC
ex:A Cap

/ SPCGSC
ex:B Cap

/ SPCGSC
ex:C Cap

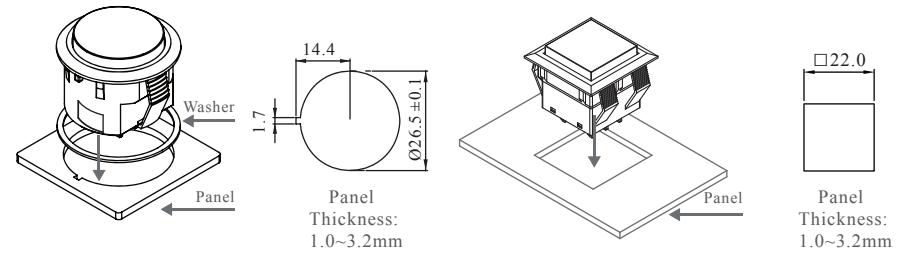
/ SPCGSD
ex:A Cap

/ SPCGSE
ex:A Cap

Panel Cutting & Installation Notes (SPCGS)

/ SPCGSA, SPCGSB

/ SPCGSC, SPCGSD, SPCGSE



How to order

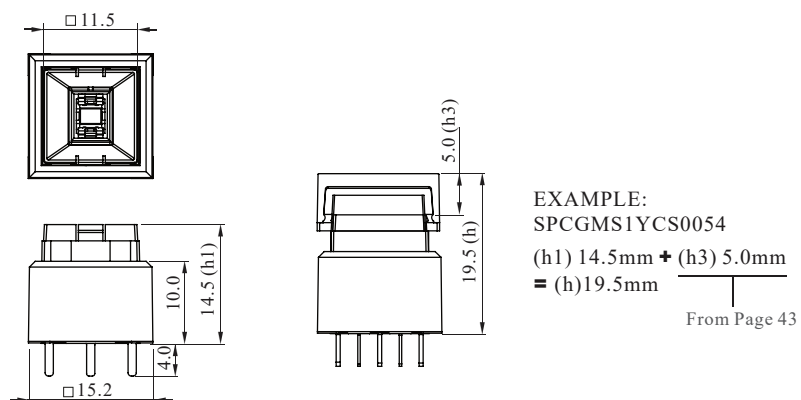
SPCGS

Button Convex/Flat		LED Colors		Housing Color		Cap Style / Color	
A	Round Flat	0	Without LED	5	Black	AFC	Ø22.0 Round Flat / Clear
B	Round Convex	Single Colors				AFCC	Ø22.0 Round Flat / Clear Black
C	Square Convex	1	Red			A	□17.4 Square Flat / Clear
D	Square Convex Protective	2	Super Yellow			B	□17.4 Square Concave / Clear
E	Square Flat	4	White			C	□17.4 Square Spot key / Clear
		5	Pure Green				
		7	Blue				
		Tri-colors LED					
		9	RGB Full color				

EXAMPLE:
SPCGSAMD95AFCC

Pushbutton Switches Series **SPC/SPCG**

Dimension (SPCG)



How to order (SPCG)

