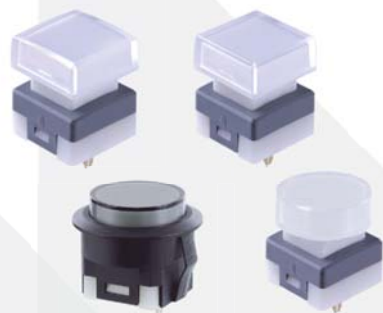




Shan Pu

Illuminated Silent key Switch **SPG4**



PAT. US8,129,640
PAT. I376716
PAT. ZL 2010 1 0102778.5

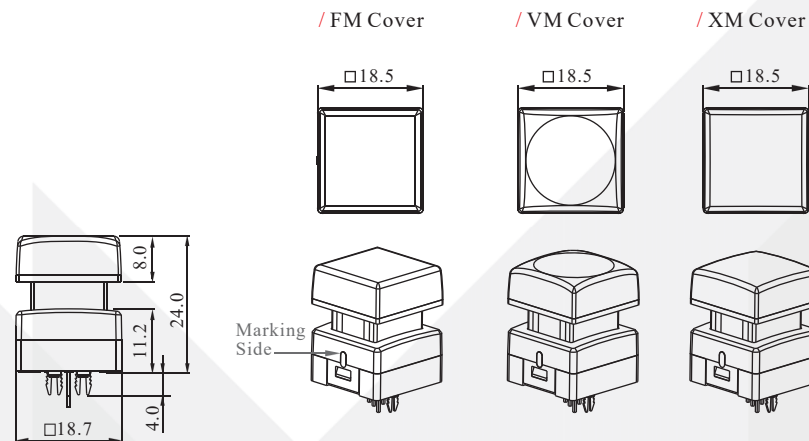
General Specifications

Switch circuit :SPST-NO (dual contact point)
Switch contact rating :50mA @ 48V DC max
LED rating :Limited forward current(IF) at 20mA max
Contact Resistance :100m Ohm (initial)
Insulation Resistance :100M Ohm Min.
Operating Force :250gf ± 50gf
Total Travel :4.5mm ± 0.20mm
Mechanical Life :5,000,000 cycles Min.
Operating Temperature : -25 °C ~ +70 °C

Materials

Cover :Polycarbonate (PC)
Cap :Polycarbonate (PC)
Reflector :Polyoxymethylen (POM)
Base-Cap :Polyamide (PA)
Moving contact :Phosphor Bronze with gold plating
Base :Polyamide (PA)
Terminal :Brass with gold plating
Spring :Piano wires
Rubber washer :NBR

Dimension

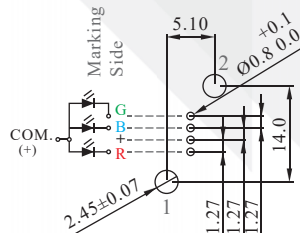


PCB layout & Circuit Diagram

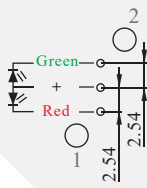
/ Switch



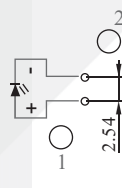
/ RGB LED



/ Dual LED



/ Single LED



Recommend add resistor to limited each LED forward current at 20mA

How to order

SPG4

Operating Force	
--	Standard
T	Tactile feeling

LED Color	
5	Pure Green
D	Red/Pure Green
9	RGB Full color

Diffuser Color	
4	White

Cover style	
FM	Flat Matt
VM	Concave Matt
XM	Convex Matt

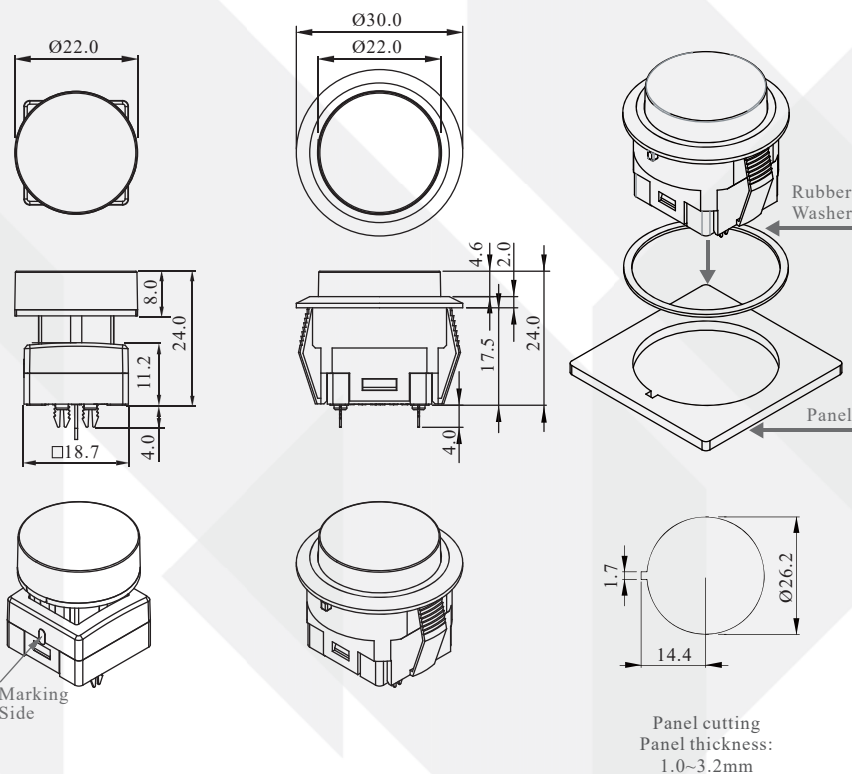
EXAMPLE :
SPG4T-9-4-VM

Illuminated Silent key Switch **SPG4**

Dimension of Round Cap

/ SPG4□-□-□-4-A□□□

/ SPG4□-□-□-4-R□A□□□



- How to Order (Round Cap)

