



## Navigation Switches Series SNA4



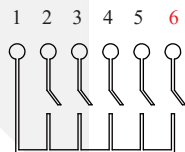
### General Specifications

Switch circuit	:SP5T (5-key Common bus)
Switch contact rating	:50mA @ 12V DC max
LED rating	:Limited forward current(IF) at 20mA max
Dielectric Withstanding Voltage	:250VAC for 1 minute
Contact Resistance	:500m Ohm Max.(initial)
Insulation Resistance	:100M Ohm Min.
Operating Force	:200gf ± 50gf
Total Travel	:0.25mm ± 0.1mm
Mechanical Life	:100,000 cycles Min.
Solder Specifications	:260 deg. for 3 seconds
Operating Temperature	: -10 °C ~ +60 °C

### Materials

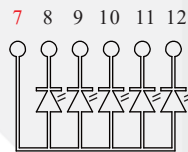
Cap	:Polycarbonate (PC)
Housing	:Polyamide (PA)
Stem	:Polyamide (PA)
Base	:Polyamide (PA)
Terminal	:Brass with gold plating
Action Dome	:SUS with Silver plating
Connector	:PA , Brass with Tin plating

### Contact Configuration & Installation Notes



SW Configuration

Pin	Function
1	SW COM.
2	SW 1 N.O.
3	SW 2 N.O.
4	SW 3 N.O.
5	SW 4 N.O.
6	SW 5 N.O.



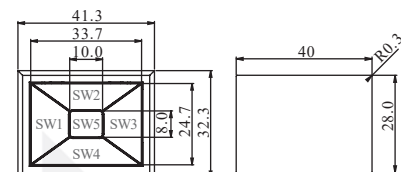
LED Configuration

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

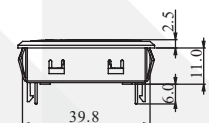
Pin	Function
7	LED +
8	SW 1 LED(-)
9	SW 2 LED(-)
10	SW 3 LED(-)
11	SW 4 LED(-)
12	SW 5 LED(-)

### Dimension

#### / SNA4S

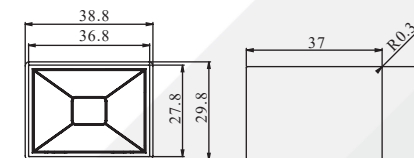


Panel cutting  
Panel thickness 1.5-4 mm

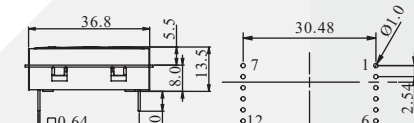


The Connector for SNA4 module  
similar JST RE-H(06)2TD  
Applicable Connector:  
Conductor pitch / 2.54mm  
Conductor width / 0.64mm

#### / SNA4P



Panel cutting  
Panel thickness 1.5-4 mm



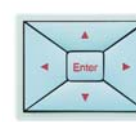
PCB Layout

### How to order



#### SNA4S2551

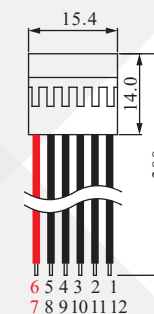
Yellow LED /  
Black Housing /  
Paint Black Cap with Marking



#### SNA4P1441

Red LED /  
White Housing /  
Paint White Cap with Marking

### Option



#### Cable: YCW012

Cable: UL3385#24AWG  
Conductor pitch : 2.54mm  
Conductor width : 0.64mm  
(Only for SNA4S)