



Navigation Switches Series **SNA1**



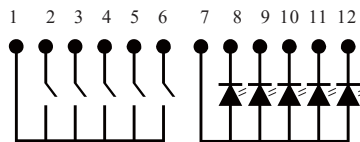
General Specifications

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	:100m Ohm Max.(initial)
Insulation Resistance	:100M Ohm Min.
Operating Force	:230gf± 50gf(Tactile)/ 60gf± 40gf(Noiseless)
Total Travel(Tactile)	:0.4mm ± 0.2mm
Total Travel(Noiseless)	:1.0mm ± 0.3mm
Mechanical Life	:1,000,000 cycles Min.
Operating Temperature	:-10 °C ~ +60 °C

Materials

Cap	:Polycarbonate (PC)
Base	:Polyamide (PA)
Reflector	:Polyoxymethylene (POM)
Switch Terminal	:Brass with gold plating
Housing	:Polyamide (PA)
Action Dome	:Phosphor Bronze with gold plating (Noiseless) Phosphor Bronze with silver plating(Tactile)

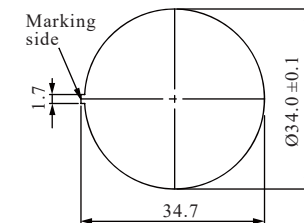
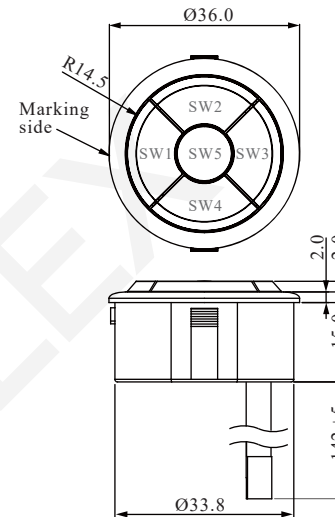
Contact Configuration



Pin	Function	Pin	Function
1	SW COM.	7	LED (+)
2	SW 1 N.O.	8	SW 1 LED(-)
3	SW 2 N.O.	9	SW 2 LED(-)
4	SW 3 N.O.	10	SW 3 LED(-)
5	SW 4 N.O.	11	SW 4 LED(-)
6	SW 5 N.O.	12	SW 5 LED(-)

The Connector for SNA1 module is YCN007 or similar JST 12FLZT-SM1-TF
Applicable FFC: Conductor pitch / 0.5mm
Conductor width / 0.3mm
Mating part thickness / 0.30±0.05mm

Dimension



Panel cutting
Panel thickness :
1.5~4mm

How to order



SNA1AT7552
Tactile / Blue LED
Black Housing /
Paint Black Cap with Marking



SNA1AN3442
Noiseless / Green LED
White Housing /
Paint White Cap with Marking

- * Color is subject to actual product.
- * We provide Laser Marking service.

Option



Adapter: YPS009



How to use:
For Cable hand Soldering
or for Connector