TACLEX ELECTRONICS CO., LTD.

Navigation Switches Series SNA1

NEW
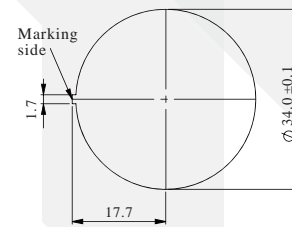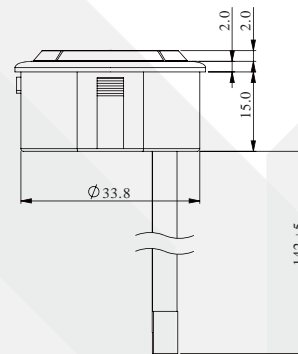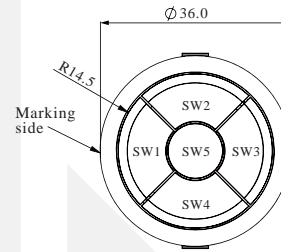
We provide Laser Marking service.

General Specifications

Switch Circuit	:SP5T
Current Rating	:50mA
Voltage Rating	:12VDC
Dielectric Withstanding Voltage	:250VAC for 1 minute
Contact Resistance	:100m Ohm Max.(initial)
Insulation Resistance	:100M $\pm$ Ohm Min.
Operating Force	:230gf$\pm$50gf(Tactile)/
	60gf$\pm$10gf(Noiseless)
Total Travel(Tactile)	:0.3mm$\pm$0.1mm
Total Travel(Noiseless)	:1.0mm 0.3mm
Operating Life	:1,000,000 cycles Min.
Operating Temperature	:-10 deg.~+60 deg.

Materials

Cap	:Polycarbonate (PC)
Base	:Polyamide (PA)
Reflector	:Polycarbonate (PC)
Switch Terminal	:Brass with gold plating
Action Dome	:Stainless steel with
	silver plating(Tactile)
	Phosphor Bronze with gold
	plating(Noiseless)
Sealing rubber	:Silicone
Housing	:Polyamide (PA)

Dimension

$\varnothing$ 36.0

R14.5

Marking side

SW1 SW2 SW3 SW4 SW5

2.0 2.0

15.0

$\varnothing$ 33.8

142 ±5

Marking side
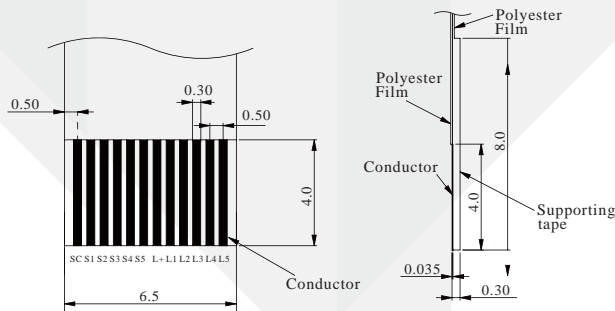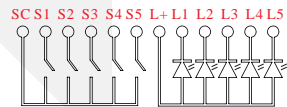
1.7

$\varnothing$ 34.0 ±0.1

17.7

Panel cutting
Panel thickness 1.5~4mm
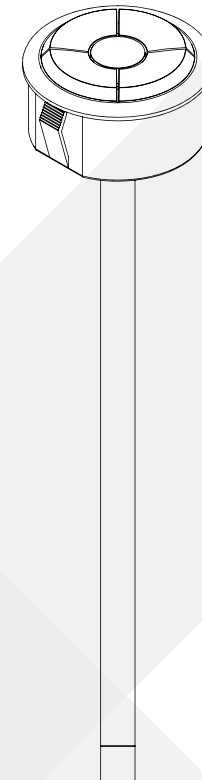
The Connector for SNA1 module
is YCN007 or similar JST 12FLZT-SM1-TF
Applicable FFC: Conductor pitch / 0.5mm
Conductor width /0.3mm
Mating part thickness / 0.30±0.05mm

Contact Configuration

SC S1 S2 S3 S4 S5 L+ L1 L2 L3 L4 L5

0.50

0.30

0.50

4.0

SC S1 S2 S3 S4 S5 L+ L1 L2 L3 L4 L5

6.5

Conductor

Polyester Film

Polyester Film

Conductor

8.0

4.0

Supporting tape

0.035

0.30

FFC Configuration

TACLEX ELECTRONICS CO., LTD.

Navigation Switches Series SNA1

▶ How to Order

Module							
Navigation Part No	SNA1AT2551	SNA1BN1441	SNA1AT7552	SNA1BN3442	SNA1AT1553	SNA1BN7443	SNA1AN4552
Description	SNA1 Tactile, FFC Type, Yellow LED with Black housing, Painted Black Cap, Laser Marking 1.	SNA1 Noiseless, Connector Type, Red LED with white housing, Painted White Cap, Laser Marking 1.	SNA1 Tactile, FFC Type, Blue LED with Black housing, Painted Black Cap, Laser Marking 2.	SNA1 Noiseless, Connector Type, Green LED with white housing, Painted White Cap, Laser Marking 2.	SNA1 Tactile, FFC Type, Red LED with Black housing, Painted Black Cap, Laser Marking 3.	SNA1 Noiseless, Connector Type, Blue LED with white housing, Painted White Cap, Laser Marking 3.	SNA1 Noiseless, FFC Type, White LED with Black housing, Painted Black Cap, Laser Marking 2.

Color is subject to actual product.
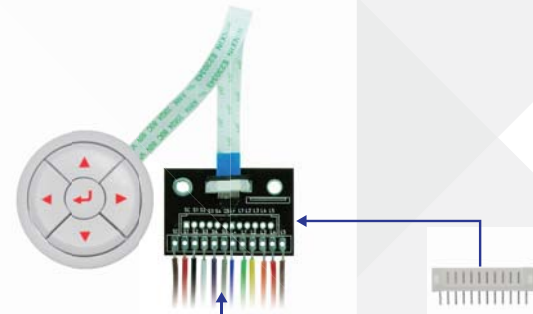
▶ Option

Connector: YCN007

FFC: YCN010
(For SNA1B)

Adapter: YPS009

How to use:
for Cable hand Soldering   or   for Connector
similar: JST S12B-PH-K-S.
We recommend using
Cable socket: JST PHR-12 or similar
Contact: JST SPH-002T-P0.5S or similar.

RoHS compliant