

### Navigation Switches Series **SWF25WA**



PAT. M467996  
PAT. ZL201320515373.3

#### Feature

- Panel cutting Ø25mm
- IP67
- 5 Key Navigation Switches
- LED Illuminated
- Metal Housing
- Custom Laser etching

#### General Specifications

Switch Circuit	:SP5T
Current Rating	:50mA
Voltage Rating	:12VDC
Dielectric Withstanding Voltage	:250VAC for 1 minute
Contact Resistance	:1 Ohm Max.(initial)
Insulation Resistance	:100M Ohm Min.
Operating Force	:400gf±100gf
Total Travel	:1.0mm±0.3mm
Mechanical Life	:100,000 cycles Min.
Operating Temperature	:-10 deg.~+60 deg.

#### Part name

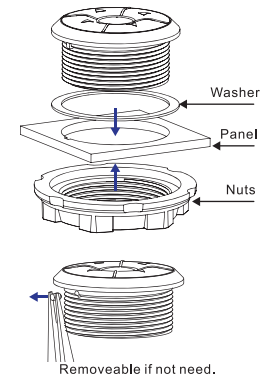
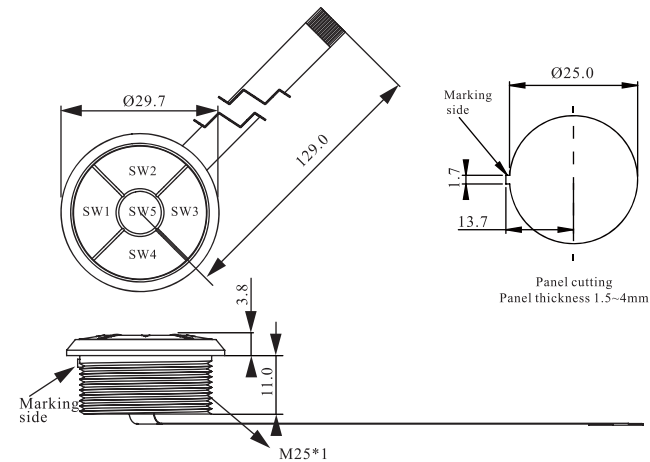
Housing  
Cap  
Tactile Switches

PCB  
FFC  
Washer  
Nuts

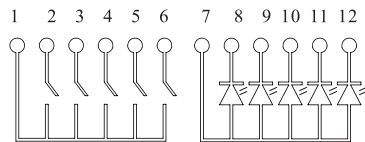
#### Materials

:SUS 316  
:Silicone  
:LCD,SUS silver plating,  
Cyanide silver plating  
:FR4  
:PET  
:EVA  
:Polyamide (PA)

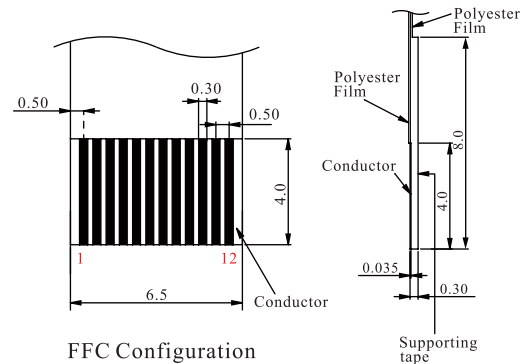
### Contact Configuration & Panel cutting



### 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(-)



FFC Configuration

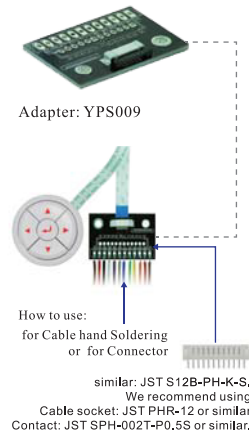
The Connector for SWF25WA module  
is YCN007 or similar JST 12FLZT-SM1-TF  
Applicable FFC: Conductor pitch / 0.5mm  
Conductor width / 0.3mm  
Mating part thickness / 0.30±0.05mm

### How to order

Module		
Part No	SWF25WA7B52	SWF25WA1B42
Description	Blue LED Stainless steel housing, Painted Black Cap, Laser Marking 2.	Red LED Stainless steel housing, Painted White Cap, Laser Marking 2.

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

### Option



similar: JST S12B-PH-K-S,  
We recommend using  
Cable socket: JST PHR-12 or similar  
Contact: JST SPH-002T-P0.5S or similar.