

Multi-function encoder Switches Series

Functional . High texture . Convenience

- Encoder
- Tactile Switch
- Rotary
- LED illuminated
- Easy to install
- Metal
- Marking service



Application

Public building · Home Security · Business building · Industrial equipment ·
Audio · 3D Printer · LED lighting. .etc.



Multi-function encoder Switches Series **SWF39EA / SWF39EB**



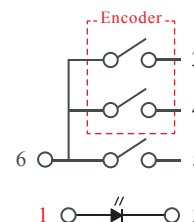
General Specifications

Current Rating	:1 mA
Voltage Rating	:10 VDC
Dielectric Withstanding Voltage	:250VAC for 1 minute
Contact Resistance	:300m Ohm Max. (initial)
Insulation Resistance	:100M Ohm Min.
Operating Force	:Rotation Max. 60gf-cm Push Max. 220gf±50gf
Operating Life	:Rotation - Min. 200,000 operations (C.W. 100,000 & C.C.W 100,000) Push - Min. 1,000,000 operations
Operating Frequency	:Rotation - Max. 30 operations per minute Push -Max. 120 operations per minute
Operating Temperature	:0deg.~+40 deg.

Materials

Rotary Cap	:Polyamide (PA)
Push Cap	:Polycarbonate (PC)
Housing	:Aluminum
Nuts	:Aluminum
Base	:Polyamide(PA)
Connector	:PA , Brass with Tin plating

Contact Configuration



Pin	Function
1	LED(+)
2	LED (-)
3	A-Com ON OFF
4	B-Com ON OFF
5	SW N.O.
6	SW COM.

Rotation

ANGLE NO.	-90°	-60°	-30°	0°	30°	60°	90°
(A) A - C ON OFF							
(B) B - C ON OFF							

CW ← → CCW

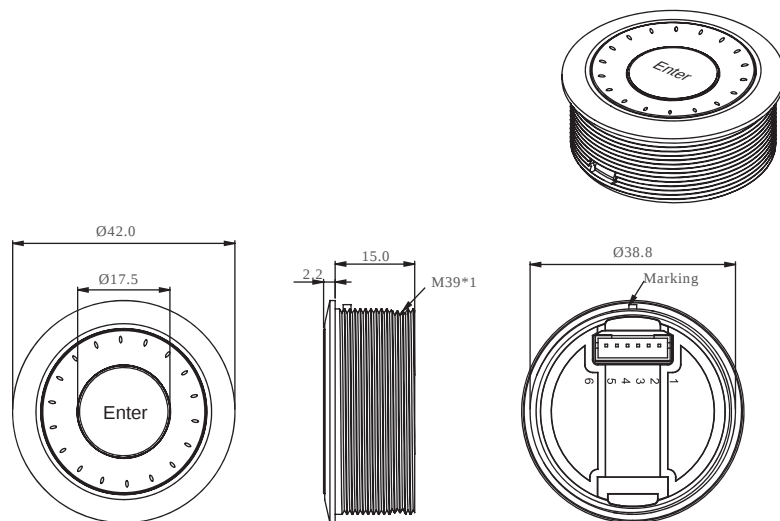
Numbers of detent : 24

Pulse / Rotation : 12 pulse / 360°

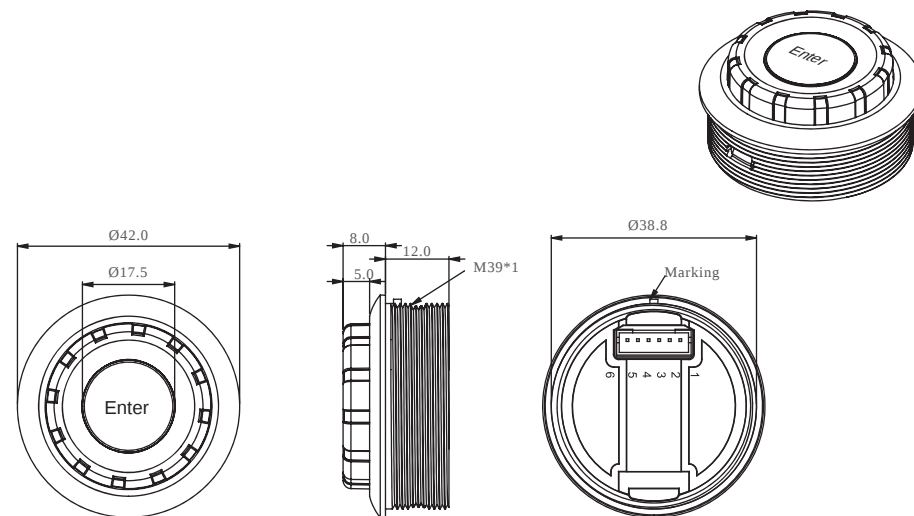
The Connector for SWF39EA module similar JST B6B-PH-K-A
Applicable Connector:
Conductor pitch / 2.0mm
Conductor pitch / 2.0mm
Conductor width / 0.5mm

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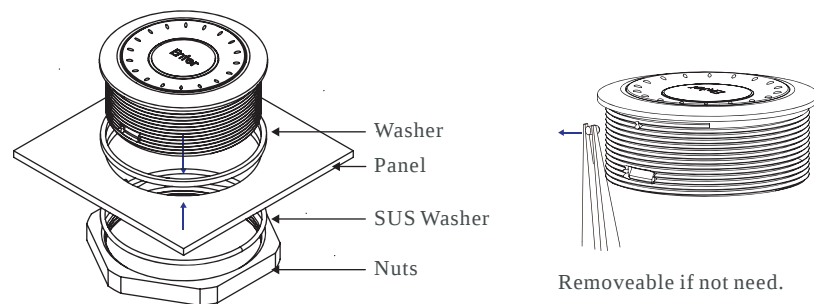
Dimension SWF39EA



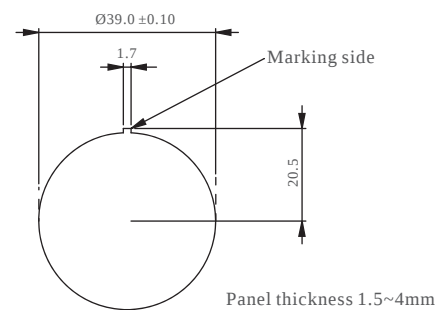
Dimension SWF39EB



Installation Notes



Panel Cutting



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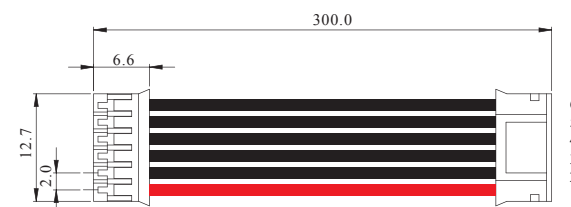
How to order

Module			
Part No	SWF39EA5051A	SWF39EB7551A	SWF39EB4551B
Description	Pure Green LED Silver Housing Black cap(Push) Enter marking Silver rotaray cap	Blue LED Black Housing Black cap(Push) Enter marking Silver rotaray cap	White LED Black Housing Black cap(Push) Enter marking Black rotaray cap

※ Color is subject to actual product.

※ We provide Marking service.

Option



Conductor pitch / 2.0mm
Conductor width / □0.5mm

Cable: YCW013