TACLEX ELECTRONICS CO., LTD.

Multi-function encoder Switches Series **SF39EA / SF39EB**

Functional . High texture . Convenience

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

Application

Public building · Home Security · Business building · Industrial equipmene·
Aduio · 3D Printer· LED lighting. ..etc.

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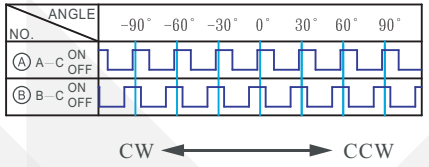
General Specifications

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

Push

Rotation



Numbers of detent : 24

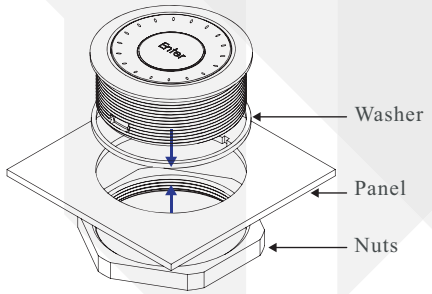
Pulse / Rotation : 12 pulse / 360°

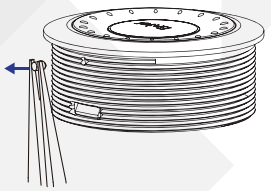
The Connector for SF39EA module
similar JST B6B-PH-K-A
Applicable Connector:
Conductor pitch / 2.0mm
Conductor pitch / 2.0mm
Conductor width /□0.5mm

Single LED

Pin	Function
L+	LED(+)
L-	LED (-)
A	A-Com ON OFF
B	B-Com ON OFF
NO	SW N.O.
COM	SW COM.

Installation Notes





Removeable if not need.

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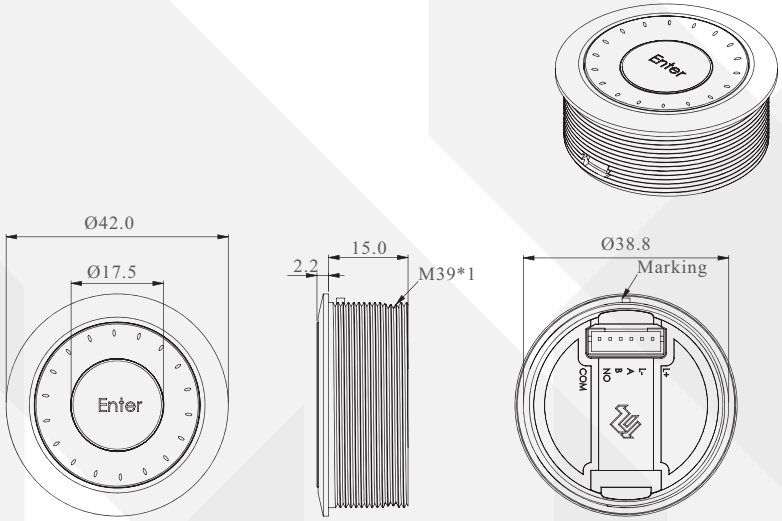
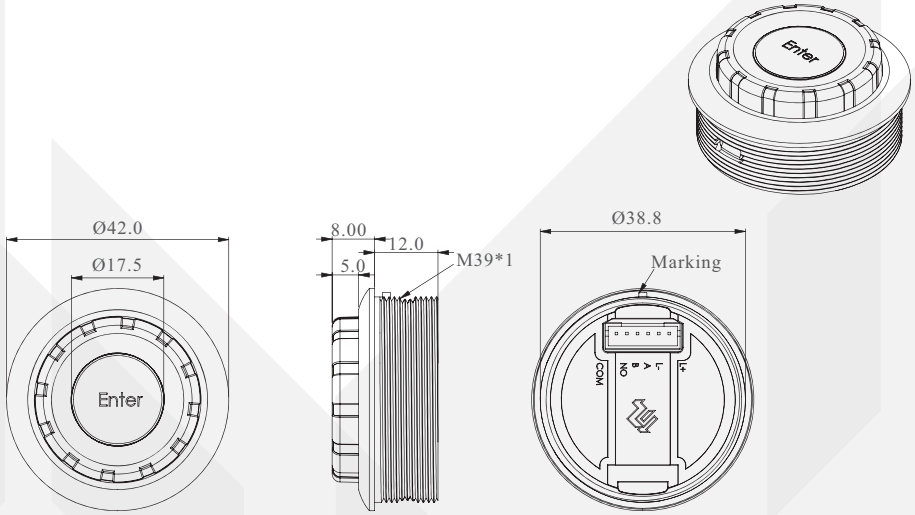
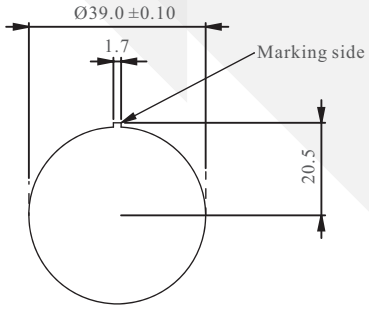
Dimension SF39EA



Dimension SF39EB



Panel Cutting



Panel thickness 1.5~4mm

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How to Order

Module							
Navigation Part No	SF39EA5051A	SF39EA7052A	SF39EA5553A	SF39EA7554A	SF39EB5053A	SF39EB7052A	SF39EB5551A
Description	Pure Green LED white Housing Black cap(Push) Enter marking Silver rotray cap	Blue LED white Housing Black cap(Push) Enter (Sign) marking Silver rotray cap	Pure Green LED Black Housing Black cap(Push) Power (Sign) marking Silver rotray cap	Blue LED Black Housing Black cap(Push) OK marking Silver rotray cap	Pure Green LED white Housing Black cap(Push) Power (Sign) marking Silver rotray cap	Blue LED white Housing Black cap(Push) Enter(Sign) marking Silver rotray cap	Pure Green LED Black Housing Black cap(Push) Enter marking Silver rotray cap

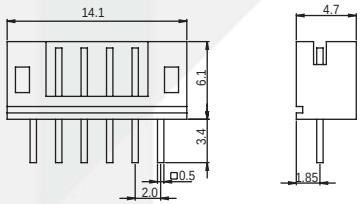
※Whole set standard package include Switch body*1, Washer(YWA004)*1, Nut(YSC011)*1, Connector(YCN016)*1

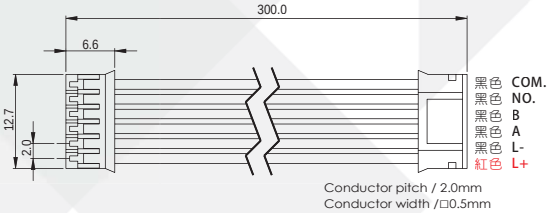
Color is subject to actual product.

Option

Washer: YWA004

Nut: YSC011



Connector: YCN016

Cable: YCW013