

Feature

1. Flux build-up prevention is taken through inserting molding around the element with resin, it's performance is more steady.
2. Long life 50,000 cycles min.

FSR08 Rotary Pulse Switch

Electrical characteristics

- Contact Resistance.....5Ω Max
- Rated Voltage.....DC 5V
- Rated Current.....1mA (2mA at common terminal)
- Maximum Operating Current.....2.5mA (5mA at common terminal)
- Insulation Resistance.....More than 100MΩ at DC 250V
- Withstand Voltage.....AC 300V for 1 minute

Mechanical characteristics

- Total Rotational Angle.....300°±10°
- Rotational Torque.....20~250gf.cm(0~+70°C)
500gf.cm max(0~-20°C)
- Stopper strength.....3.0Kgf.cm Min
- Push-Pull Strength.....Pull: 3Kgf Min. Push: 5Kgf Min. for 10sec
- Number of Detents.....16 detents

Durability

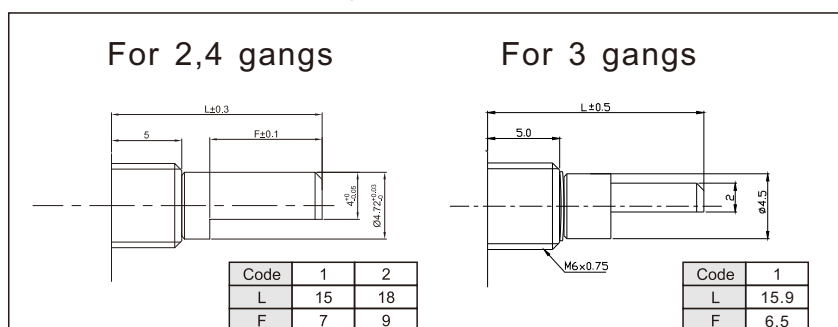
- Operating Temperature Range.....-20°C~+70°C
- Rotational Life.....50,000 Cycles Min without load
- Cold Test.....-30±2°C for 96H, CR is 200mΩ Max; IR is 100MΩ Min
- Dry Heat for Long Term.....85±2°C for 96H, CR is 200mΩ Max; IR is 100MΩ Min
- Humidity.....40±2°C, 90-95% RH for 96H, CR is 200mΩ Max;
IR is 100MΩ Min.
- Temperature Cycles.....-20°C~+70°C, 5 cycles, CR is 200mΩ Max, IR is 100MΩ Min.
- Soldering Condition.....Dip soldering: 260±5° for 5Sec.
Manual soldering: 350±10° 3Sec. Max

HOW TO ORDER

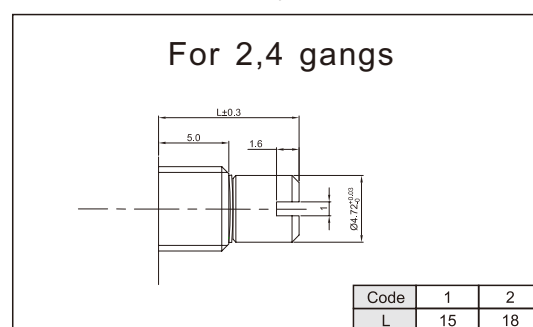
FSR08-		5	4	F	1	C
Model Series				Shaft Type & Length		Full C.CW Position
				See Note 1		
Code	Bushing Length					
5	5 mm					
Code	Gang Number					
2	2 Gangs					
3	3 Gangs					
4	4 Gangs					

Note 1: Shaft Type & Shaft Length:

F-Type



S-Type

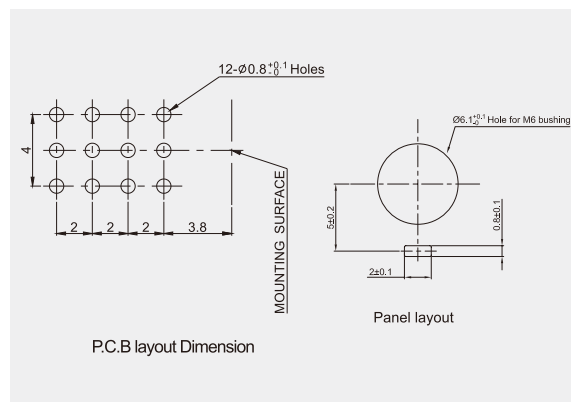
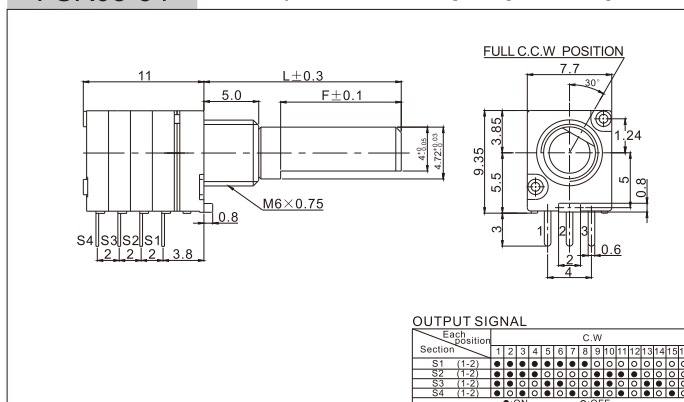


Note 2: Full C.CW Shaft Position:

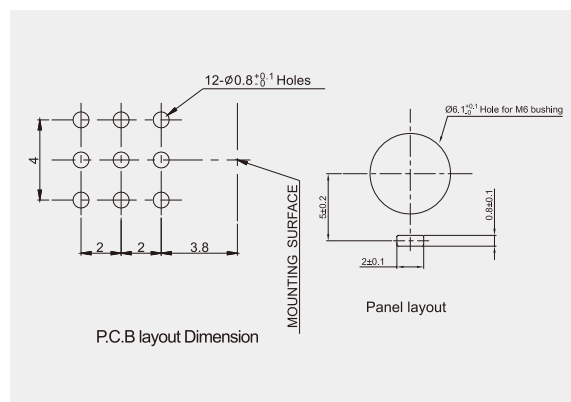
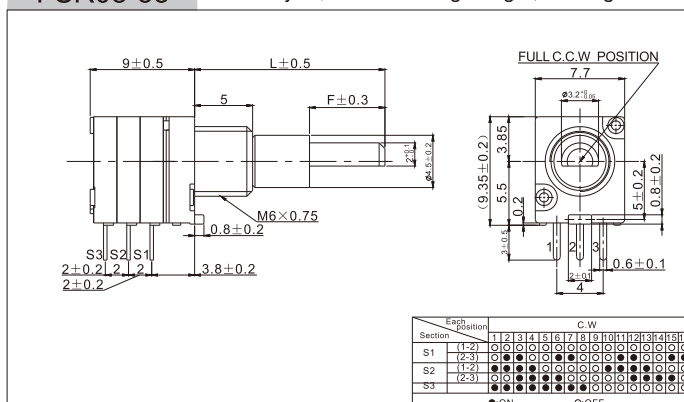
F-Type Shaft

Full C.C.W Position Type				S-Type Shaft	
Full C.C.W Position Type		Full C.C.W Position Type		Full C.C.W Position Type	
A□	C□	D□	B□	A□	C□

FSR08-54 Side Adjust, 5mm Bushing Length, 4 Gangs



FSR08-53 Side Adjust, 5mm Bushing Length, 3 Gangs



FSR08-52 Side Adjust, 5mm Bushing Length, 2 Gangs

