



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# Panel Potentiometer

## Model P08x Series



### Features:

- 8 mm square
- Dust proof
- Detent option
- 100,000 cycle life
- Rotary switch option
- Multiple gangs available



### Model Styles Available

Side Adjust, Potentiometer Module (Up to 4 gangs)	P08xN
Side Adjust, Potentiometer with Rotary Switch Module (Up to 4 gangs)	P08xS
Side Adjust, Potentiometer with Dual Shaft Module (2 or 4 gang)	P08xD
Side Adjust, Potentiometer with Dual Shaft and Rotary Switch Module (2 or 4 gang)	P08xE

### Electrical

Resistance Range, Ohms	500 -1M (for "B" taper) 1K-1M (for other tapers)
Standard Resistance Tolerance	± 20%
Residual Resistance, Maximum	50 ohms
Input Voltage, Maximum	50 Vac
Power rating, Watts	0.05W- B taper, 0.025W- others
Dielectric Strength	300Vac, sea level
Insulation Resistance, Minimum	100 Megohms
Gang Error (Multi-ganged), Maximum	+/-3 dB (-40 dB to 0dB)
Actual Electrical Travel, Nominal	With Switch = 230° Without Switch =270°
Switch Contact Resistance, Maximum	100 milliohms max.
Switch Power Rated	3.0A at 16Vdc

### Mechanical

Total Mechanical Travel	300°± 10°
Static Stop Strength	42 oz-in
Rotational Torque, Maximum	0.7 oz-in ( 0.2 oz-in each additional gang)
Switch Detent,	1.0 oz-in
Switch Travel angle	50°

#### General Note

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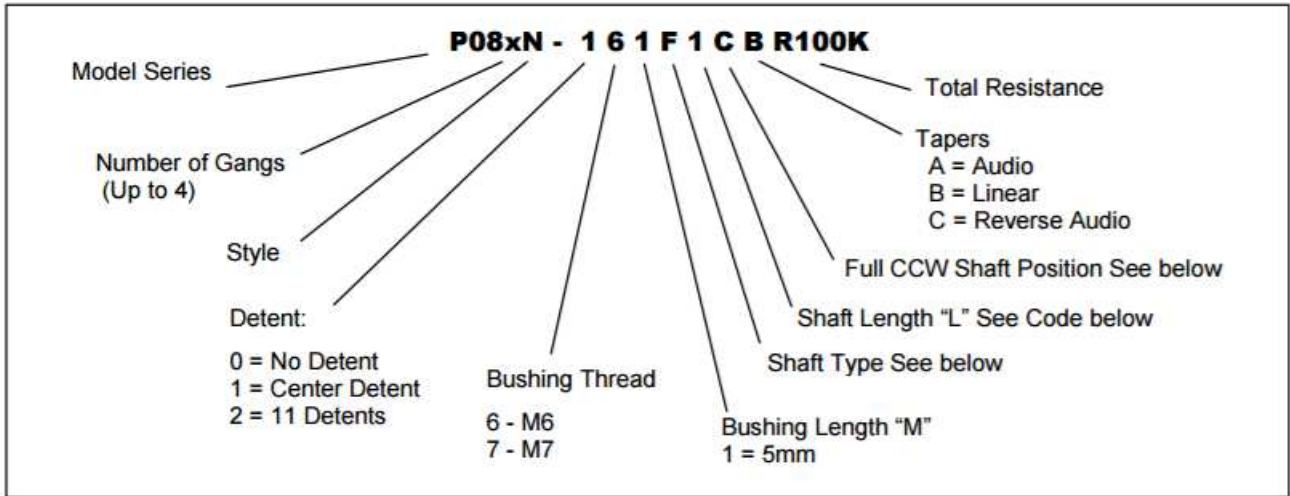


### Environmental

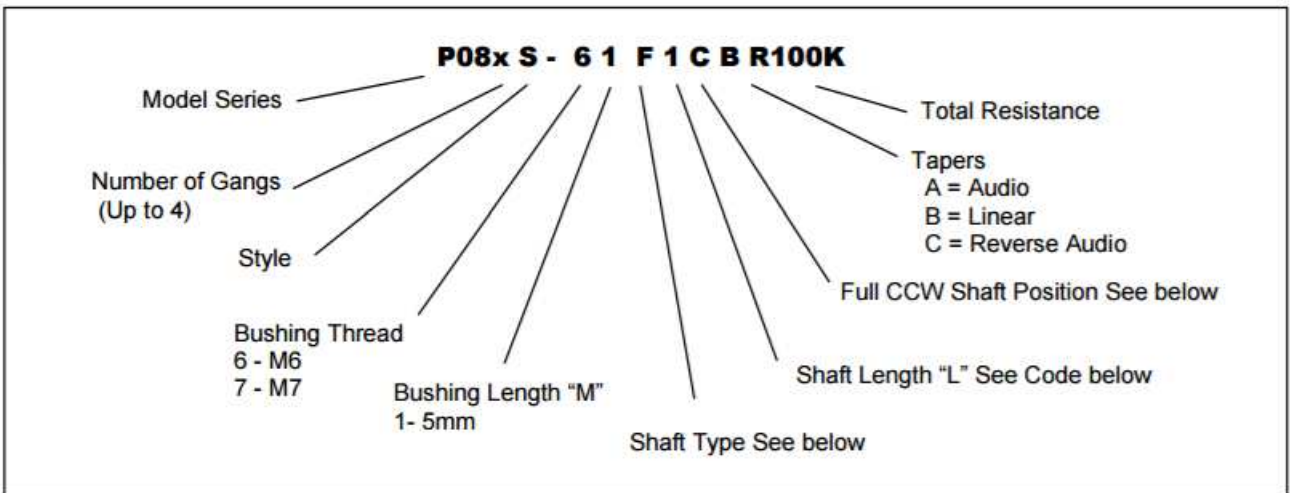
Operating Temperature Range	-55°C to +125°C	
Rotational Life	Switch = 30,000 cycles	Potentiometer = 100,000 cycles
IP Rating	Dust Proof = IP50	

### Ordering

#### P08xN - POTENTIOMETER MODULE



#### P08xS - POTENTIOMETER WITH ROTARY SWITCH MODULE



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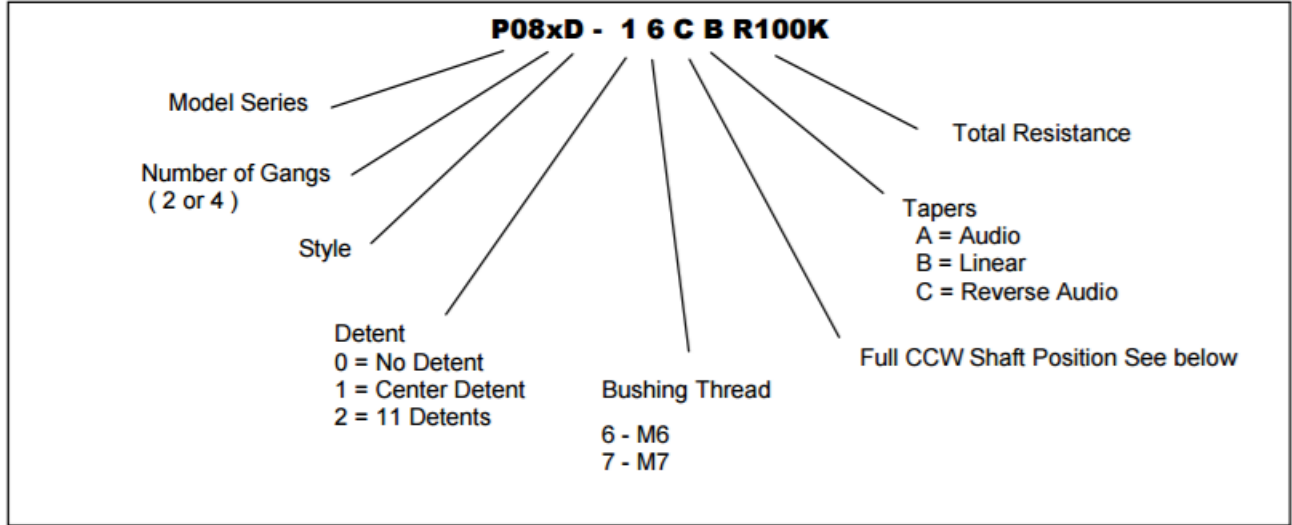
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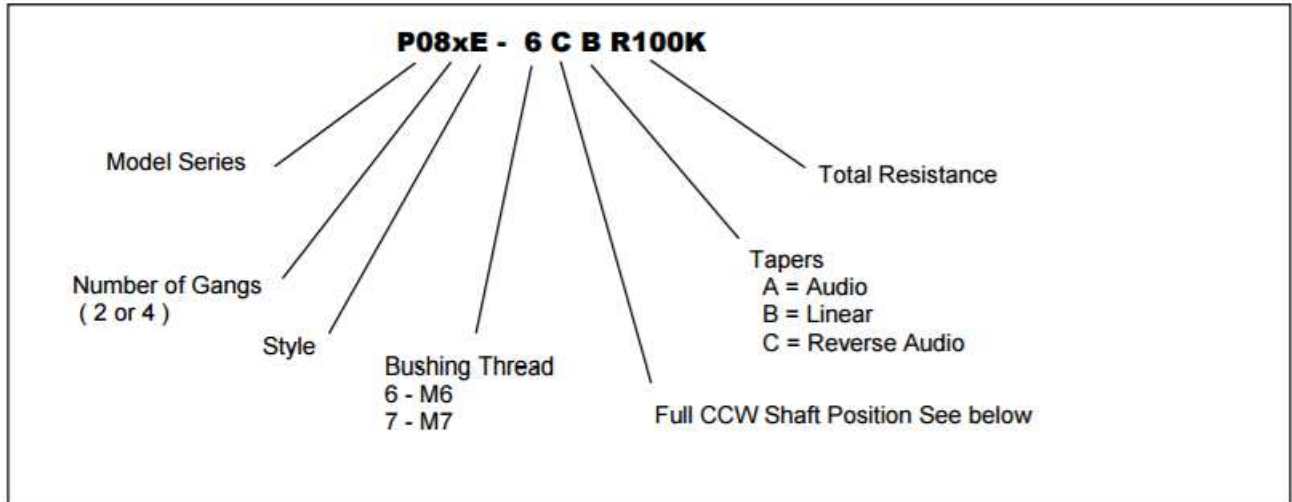
## Model P08x Series



### P08xD - POTENTIOMETER WITH DUAL SHAFT MODULE



### P08xE - POTENTIOMETER WITH DUAL SHAFT AND ROTARY SWITCH MODULE



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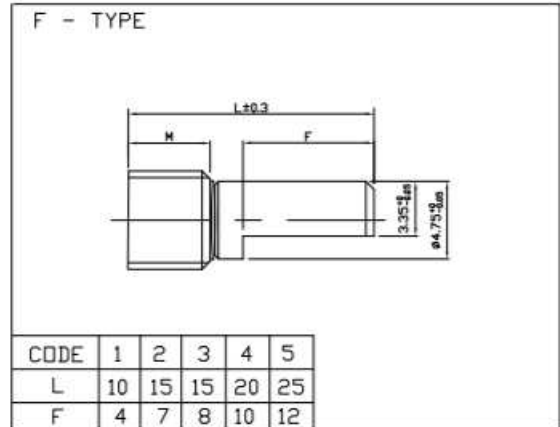
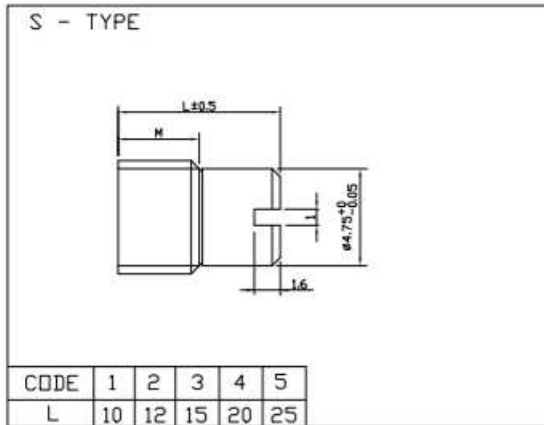
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# Panel Potentiometer

## Model P08x Series

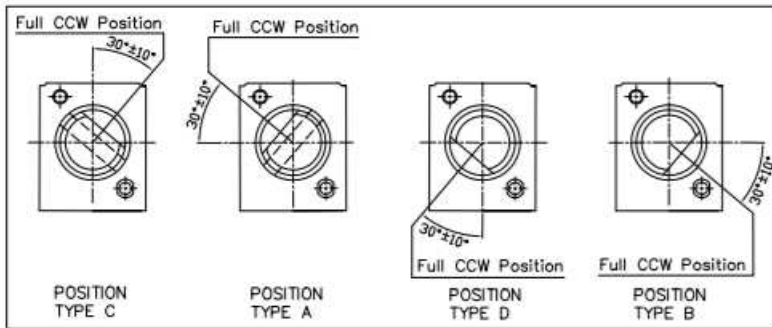


### Shaft Length "L" Code – For Models P08xN and P08xS only



### Shaft Position (F-Type Shaft)

Dashed lines on Type "C" and Type "A" shows position of adjustment slot for S-Type



### STANDARD RESISTANCE VALUES, OHMS

500	1K	2K	5K	10K	20K	50K	100K	200K	500K	1MEG
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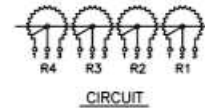
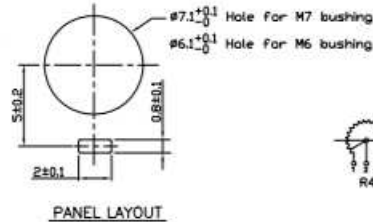
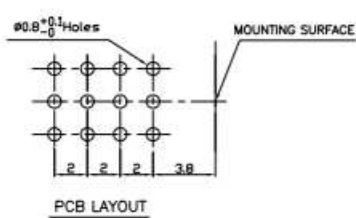
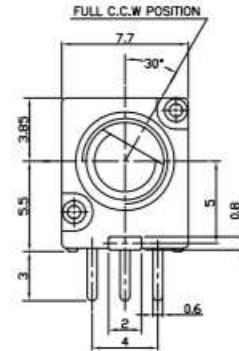
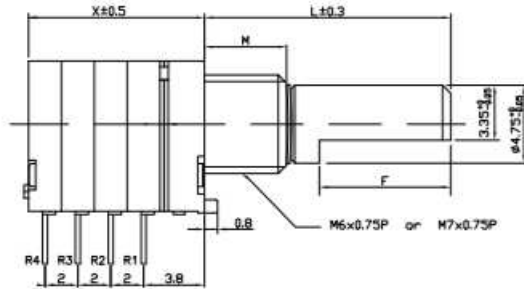
# Panel Potentiometer

## Model P08x Series



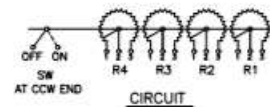
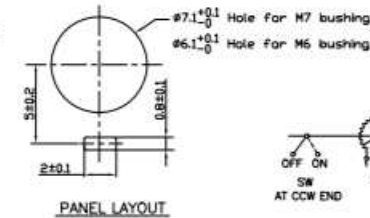
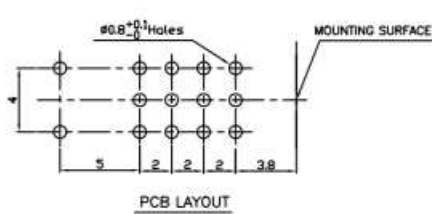
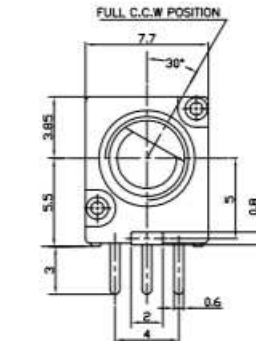
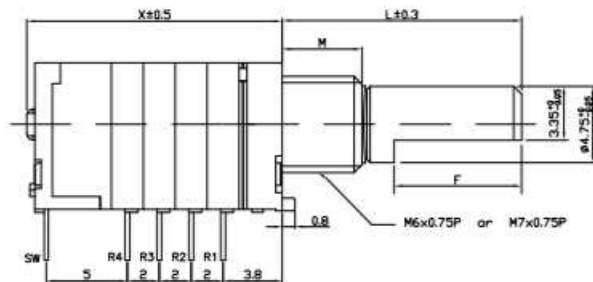
### P08xN - POTENTIOMETER MODULE

NUMBER OF GANGS	1	2	3	4
X	5	7	9	11



### P08xS - POTENTIOMETER WITH ROTARY SWITCH MODULE

NUMBER OF GANGS	1	2	3	4
X	10	12	14	16



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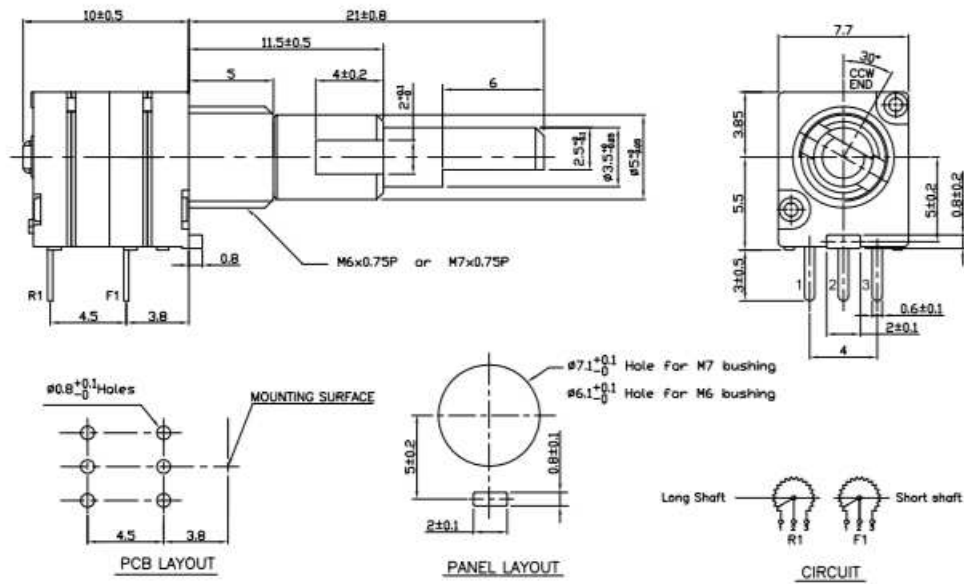
# Panel Potentiometer

## Model P08x Series

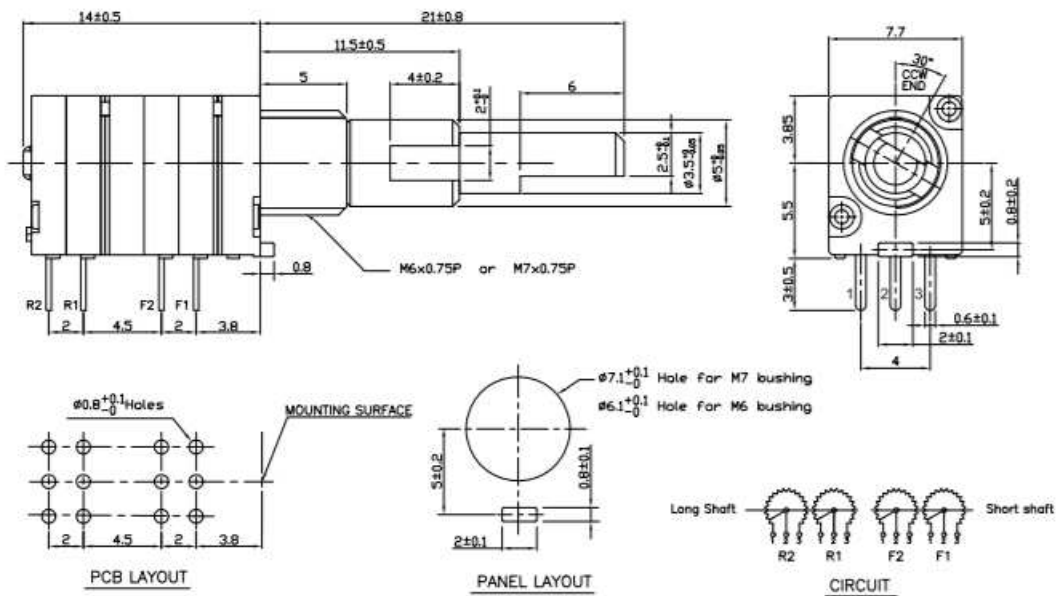


### P08xD - POTENTIOMETER WITH DUAL SHAFT MODULE

#### 2 GANG



#### 4 GANG



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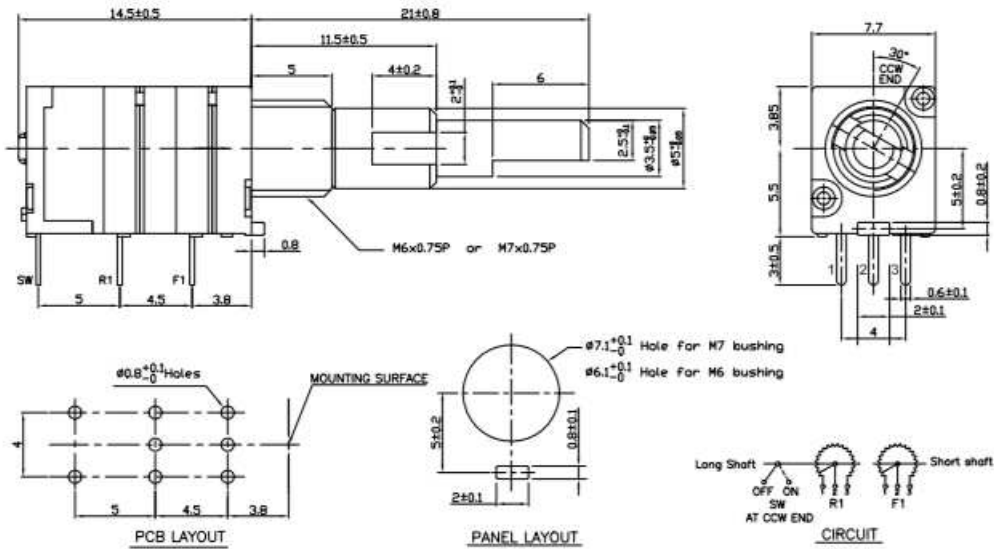
# Panel Potentiometer

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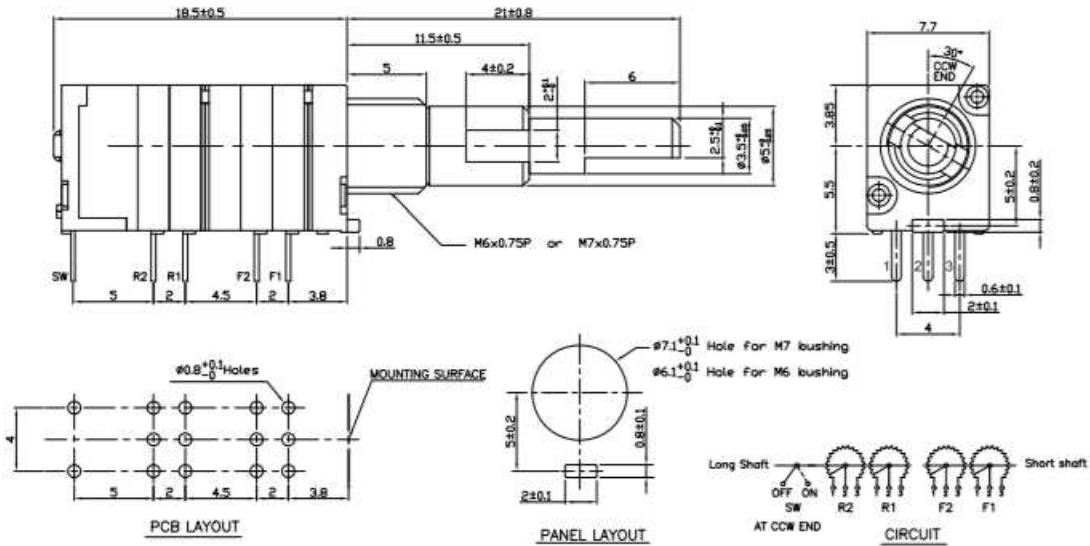


### P08xE - POTENTIOMETER WITH DUAL SHAFT AND ROTARY SWITCH MODULE

#### 2 GANG



#### 4 GANG



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