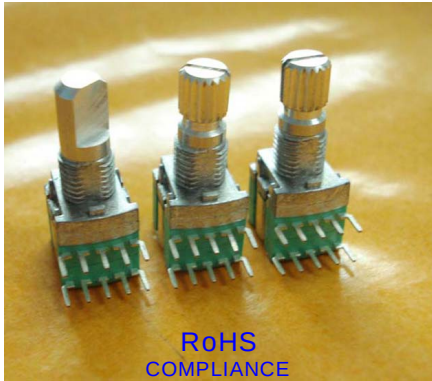




Feature

- The product includes 4,5,6 detents
- Max 6 detents applicable to the rotary switch

10mm Rotary Switch

Electrical characteristics

- Load rating..... 0.1A,DC 16V
- Initial contact resistance..... 50m Ω Max
- Insulated resistance..... 100m Ω min 100V DC
- Voltage proof..... 100V AC for 1 minute
- Operating voltage range..... 30°C ~+85°C

Mechanical characteristics

- Terminal strength..... 510gf(5N) for 1 minute
- Stopper strength..... 5.1Kgf.cm min.
- Changeover Angle..... 30 $\pm$ 3°
- Wobble of shaft 0.17mm max
(measure from 10mm mounting surface)
- Detent torque..... 408 $\pm$ 204gf.cm
- Number of detents..... ☐4C ☐5C ☐6C
- Push-pull strength..... Push 10.2Kgf max. for 10S

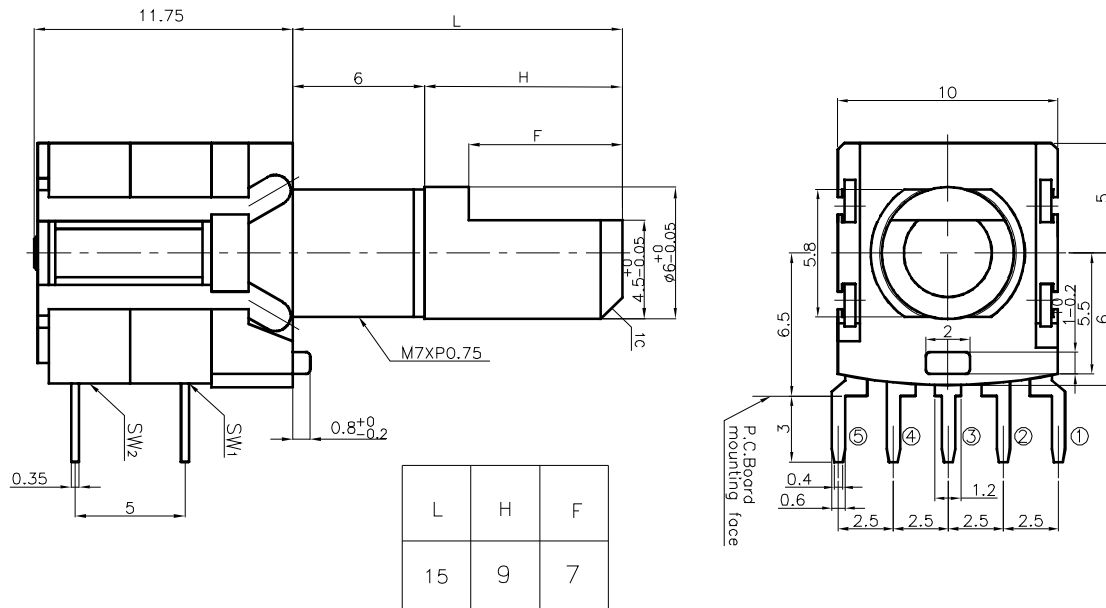
Durability

- Rotation life..... 10,000 cycles (no load)

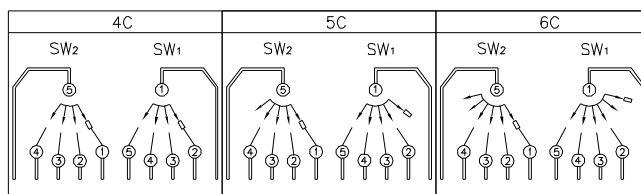
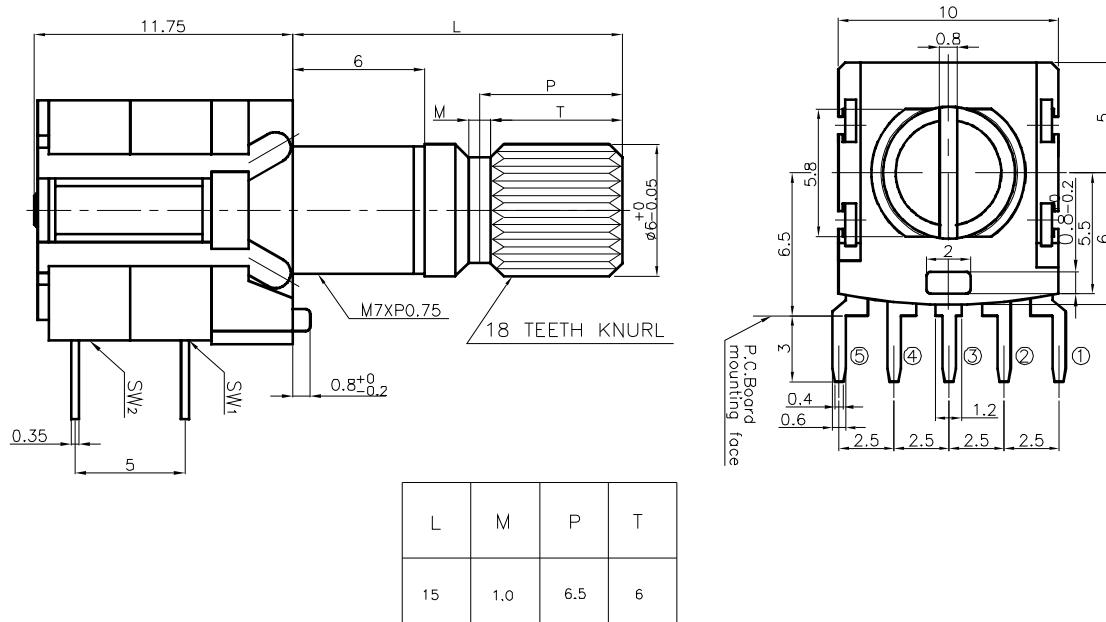
Environmental characteristics

- Resistance to soldering heat..... Manual soldering :350°C $\pm$ 10° C, 3sec
- Vibration..... of X.Y and Z for 2 hours respectively
- Humidity..... 40 $\pm$ 2°C 90 ~ 95%RH for 96 Hours
- Dry heat for long term..... 85 $\pm$ 2°C,96H
- Cold..... -20 $\pm$ 2°C,for 96 Hours
- Temperature cycles..... -30°C~+85°C,5Cycles

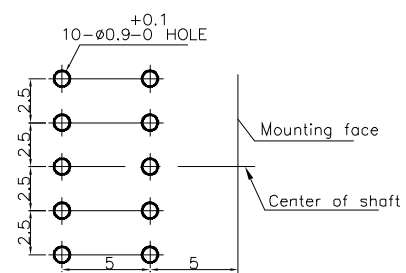
F-SR10-01-01("F" Style)



F-SR10-01-01("KQ" Style)

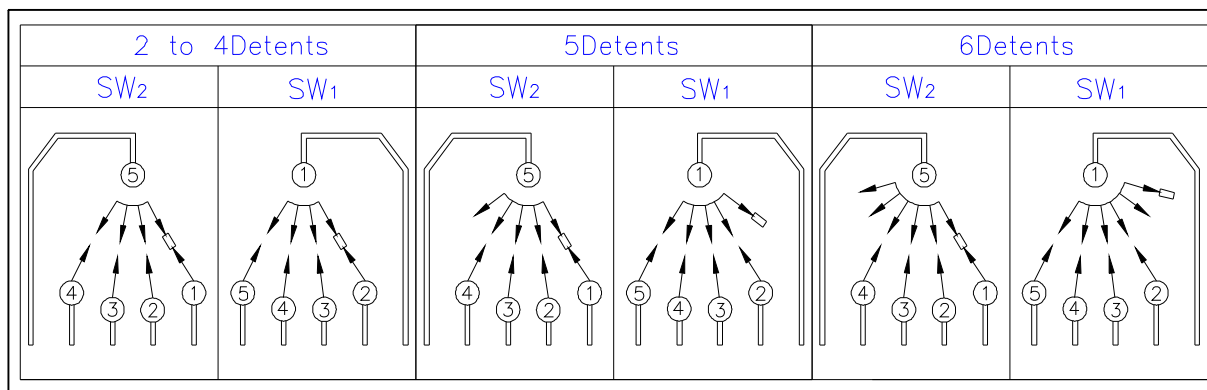


Circuit diagram



Recommended PCB layout

開關電路圖(circuit diagram)



注意事項:(Note)

1、5個切換點之開關電路切換,SW1為第2~5接點,SW2為第1~4接點.

Circuit steps are detents 2 to 5 at SW1 and detents 1 to 4 at SW2 for 5 detents switch.

2、6個接點之開關電路切換,SW1為第3~6接點,SW2為第1~4接點.

Circuit steps are detents 3 to 6 at SW1 and detents 1 to 4 at SW2 for 6 detents switch.

3、5個及6個接點之開關必須進行共用端子外部接線.

The switch of 5 and 6 detents must be required external wiring to common terminal.

4、2~4個接點時,1段有2個回路

For detent 2 to 4, 1 section consists of 2 poles.

5、5&6個接點時,1段有1個回路.

For detent 5 and 6, 1 section consists of 1 poles.

6、虛擬端子(Dummy terminals)

Number of Item detents	2	3	4	5	6
SW1	④ ⑤	⑤	/	/	/
SW2	③ ④	④	/	/	/



Part number system of switch

