

Feature

- 1.Snap-in structure assures easy mounting.
- 2.Closed structure improves dust and flux resistance.
- 3.Inserting molding around the metal shaft with resin .
- 4.Long Life Type Available.

F093 Series Rotary Potentiometer

Electrical characteristics

- Total Resistance.....1K Ω ~1M Ω
- Total Resistance Tolerance.....500 Ω < R < 1M Ω : $\pm 20\%$
R $\leq$ 500 Ω or R $\geq$ 1M Ω : $\pm 30\%$
- Resistance Taper.....A,B,C
- Max. Operating VoltageAC50V,DC10V
- Rated Power.....Linear Taper B:0.05W
Other Tapers:0.025W
- Rotational Noise.....Less than 100mV
- Insulation Resistance.....More than 100M Ω at DC 250v
- Withstand Voltage.....1 minute at AC 300V
- Residual Resistance.....Term.1~2:Less than 20 Ω
Term.2~3:Less than 20 Ω
- Gang Error(Dual Unit).....-40dB~0dB ± 3 dB

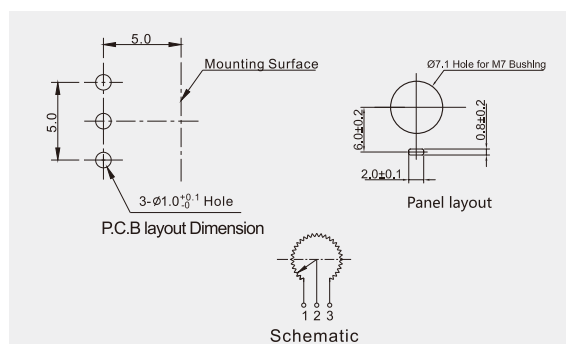
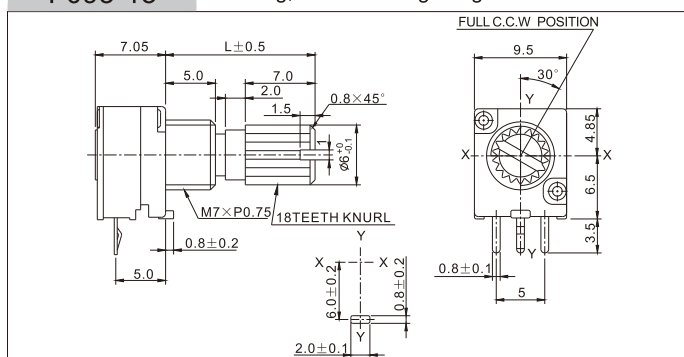
Mechanical characteristics

- Total Rotational Angle.....300° $\pm$ 10°
- Rotational Torque.....5 ~90 gf.cm
- Click Torque.....50gf.cm~200gf.cm
- Stopper Strength3.0Kgf.cm Min
- Push-Pull Strength.....6.0Kgf Min

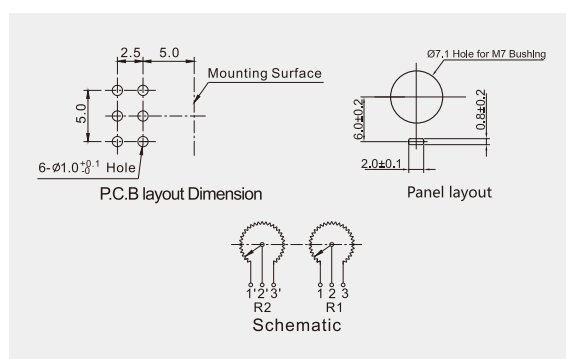
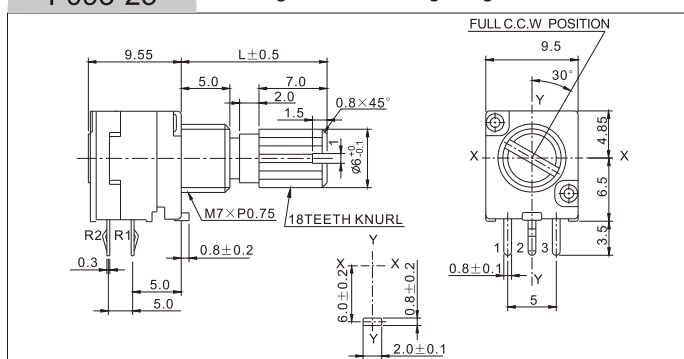
Durability

- Rotational Life.....Standard life: 15,000 Cycles Min.
Long life: 100,000 Cycles Min.
- Operating Temperature Range.....-10°C ~ +70°C

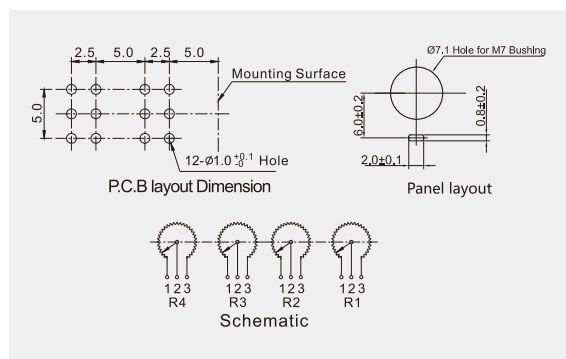
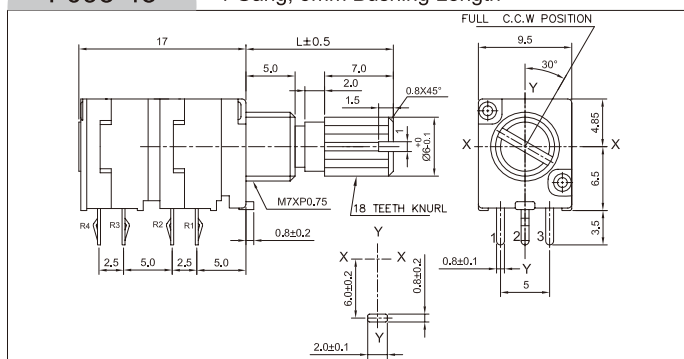
F093-15 1 Gang, 5mm Bushing Length



F093-25 2 Gangs, 5mm Bushing Length



F093-45 4 Gang, 5mm Bushing Length



F093-65 6 Gangs, 5mm Bushing Length

