



Feature

1. Insulated shaft style.
2. Carbon element.
3. Wide range of resistance tapers.

F24K Series Rotary Potentiometer

Electrical characteristics

- Total Resistance.....10K Ω ~1M Ω
- Total Resistance Tolerance..... $\pm 20\%$
- Resistance Taper.....A,B,C,D,etc
- Max. Operating Voltage.....Linear Taper B:AC 500V,Other Tapers : AC 250V
- Rated Power.....Linear Taper B:0.5W,Other Tapers : 0.25W
- Rotational Noise.....Less than 100mV
- Insulation Resistance.....More than100M Ω at DC 500V
- Withstand voltage.....1 minute at AC 1500V(F24KSPP)
1 minute at AC 1080V(F24KSPU)
- Residual Resistance.....Term.1~2< 50 Ω Term.2~3<50 Ω (F24KSPP)
Term.1~2<10 Ω Term.2~3:6.8%TR (F24KSPU)

Mechanical characteristics

- Total Rotational Angle.....320 $^{\circ}\pm 10^{\circ}$ (F24KSPP);253 $^{\circ}\pm 5^{\circ}$ (F24KSPU)
- Rotational Torque.....20gf.cm~200gf.cm (F24KSPP)
30gf.cm~150gf.cm (F24KSPU)
- Stopper Strength.....5.0Kgf.cm Min.
- Push-Pull Strength.....10.0Kgf Min
- Bushing&nut tight strength.....7.0Kgf.cmMin

Switch characteristics

- Switch Contact Resistance.....Less than 50m Ω
- Switch Rated Power.....6.0(10A)A at AC/DC 125V(F24KSPU)
6.0A at AC 125V(F24KSPP)
- Switch Rotational Angle.....30 $^{\circ}\pm 10^{\circ}$ (F24KSPP)
50 $^{\circ}\pm 10^{\circ}$ (F24KSPU)
- Switch torque.....100gf.cm~500gf.cm (F24KSPP)
300gf.cm~800gf.cm (F24KSPU)

Durability

- Rotational Life.....10,000 Cycles

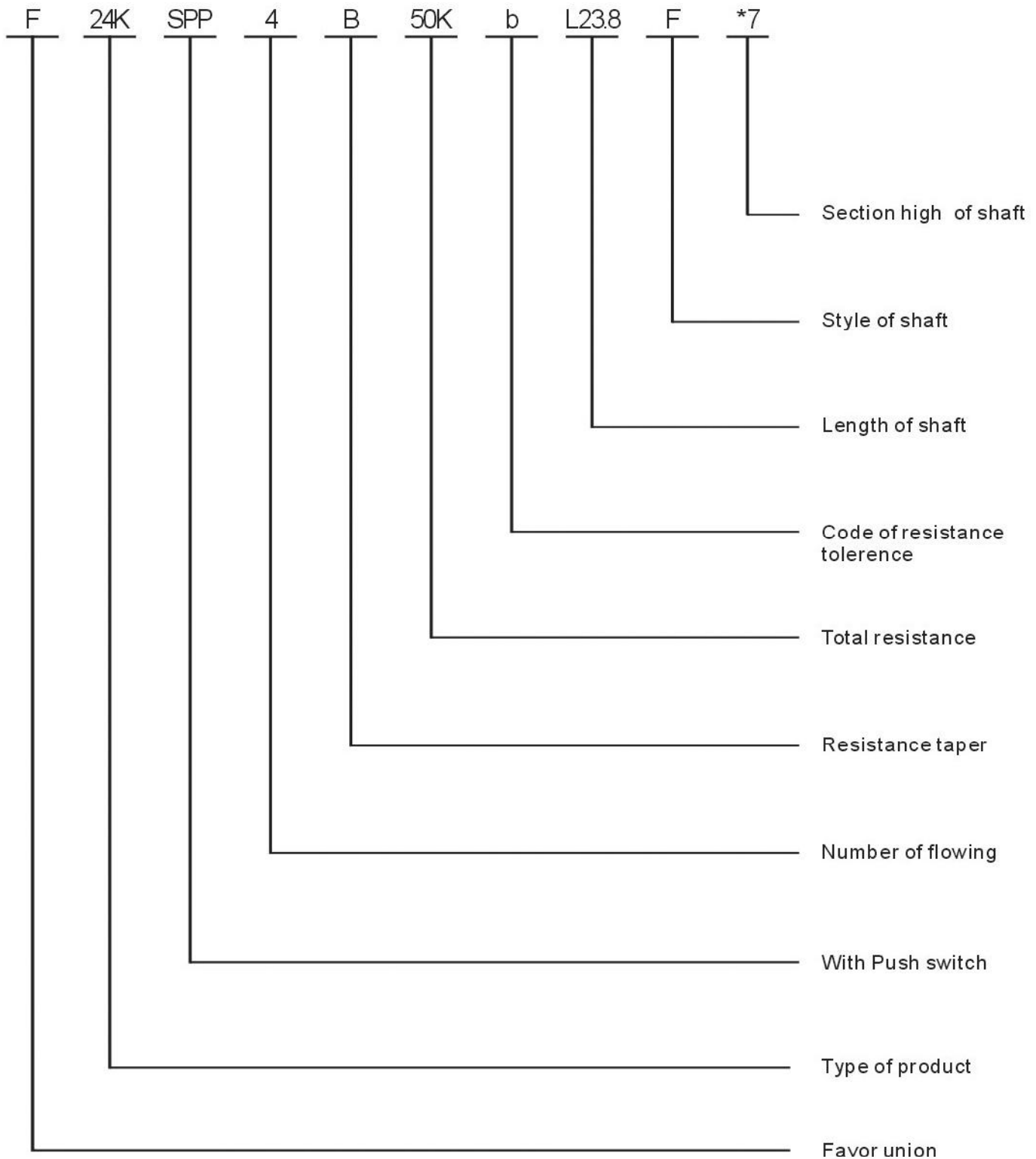


F24K Series

Insulated shaft Potentiometer



HOW TO ORDER



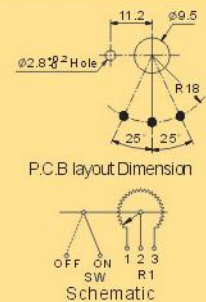
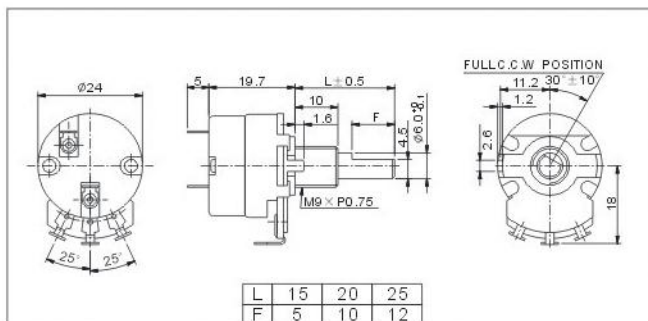
F24K Series

Insulated shaft Potentiometer



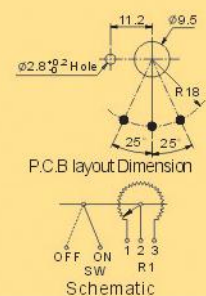
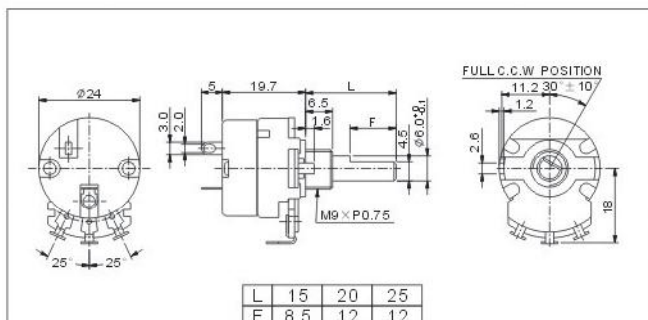
F24KSPU

Vertical Type with Switch,
Single Unit, Solder Terminal
with plastic Shaft & bushing



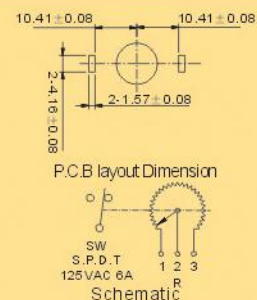
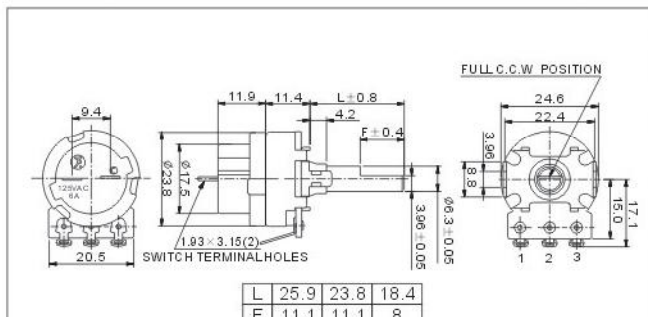
F24KSPU4-10A

Vertical Type with Switch,
Single Unit, Solder Terminal
plastic Shaft & bushing



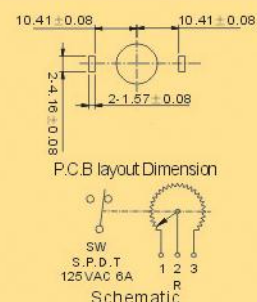
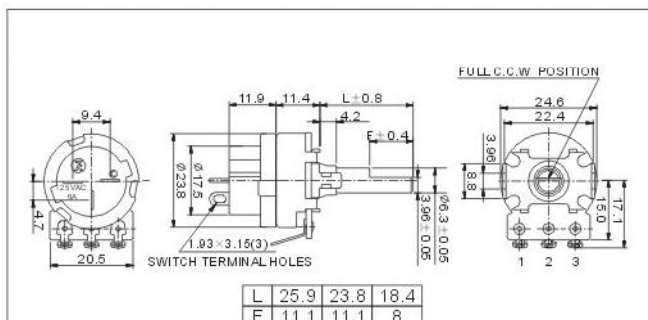
F24KSPP-4

Vertical Type with Switch,
Single Unit, Solder Terminal



F24KSPP-5

Vertical Type with Switch,
Single Unit, Solder Terminal



F24KSPP-9

Vertical Type with Switch,
Single Unit, Solder Terminal

