

Feature

1. Insulated shaft style.
2. Carbon element.
3. Push Lock Switch
4. Long Life Type Available.

F24KSPP Series Rotary Potentiometer

Electrical characteristics

- Total Resistance $1K\Omega \sim 1M\Omega$
- Total Resistance Tolerance..... $500\Omega < R < 1M\Omega : \pm 320\%$
 $R \leq 500\Omega$ or $R \geq 1M\Omega : \pm 30\%$
- Resistance Taper A,B,C
- Max. Operating Voltage..... Linear TaperB: AC 500V, Other Tapers: AC250V
- Rated Power..... Linear TaperB: 0.5W, Other Tapers: 0.25W
- Rotational Noise Less than 100mV
- Insulation Resistance More than $100M\Omega$ at DC 500V
- Withstand Voltage..... AC1500V / 1mA / 1min (metallic case to terminals)
AC1080V / 1mA / 1min (Switch terminals)
- Residual Resistance..... Term.1-2: Less than 10Ω
Term.2-3: Less than 10Ω

Mechanical characteristics

- Total Rotational Angle $300^\circ \pm 10^\circ$
- Rotational Torque..... 50~200 gf.cm
- Stopper Strength..... 5.0Kgf.cm.Min
- Push-Pull Strength..... 10.0Kgf Min

Switch characteristics

- Contact Resistance..... Less than $50m\Omega$
- Rated Power..... 6.0A at AC 125V
- The Length of Stroke(Push-Push Switch)..... 5.0 ± 0.5 mm
- Operating Force of Switch(Push-Push Switch) 800 ~2000 gf.cm
- Switch Life..... 15,000Cycles

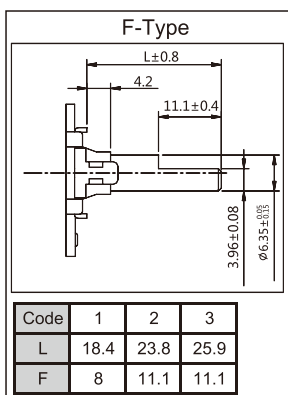
Durability

- Rotational Life..... 15,000Cycles
- Operating Temperature Range..... $-10^\circ C \sim +70^\circ C$

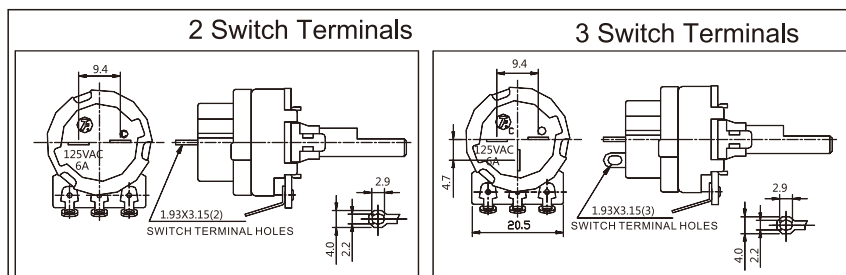
HOW TO ORDER

| F24KSP- 1 F 1 B 100K 1 | | | | | | |
|-------------------------------|--|---------------------|--|------------------|--|--|
| Model Series | | Shaft Type & Length | | Total Resistance | | |
| Code | | See Note 1 | | 1K | | |
| Switch Terminal Configuration | | Code | | 2K | | |
| 1 | | Resistance Taper | | 5K | | |
| 2 | | A | | 10K | | |
| See Note 2 | | B | | 20K | | |
| | | C | | 50K | | |
| | | D | | 100K | | |
| | | | | 200K | | |
| | | | | 500K | | |
| | | | | 1MEG | | |

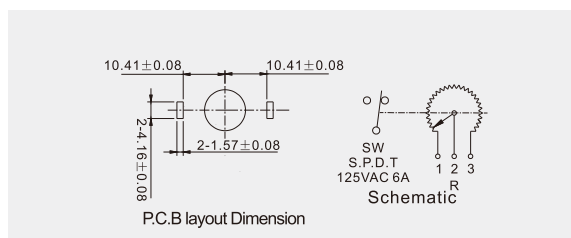
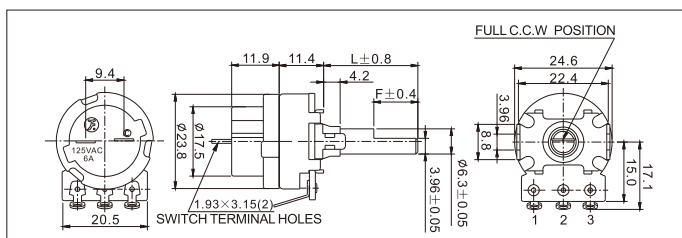
Note 1: Shaft Type & Shaft Length:



Note 2: Switch Terminal Configuration



F24KSP-1F With momentary switch, PC Pins, F-type shaft, 2 switch terminals



F24KSP-2F With momentary switch, PC Pins, F-type shaft, 3 switch terminals

