

Feature

1. Metal shaft style
2. Carbon element
3. Wide range of resistance tapers
4. Assorted pin layouts

F-125k Metal Shaft Rotary Potentiometer

Electrical characteristics

- Total Resistance.....1K Ω ~1M Ω
- Total Resistance Tolerance..... $\pm 20\%$
- Resistance Taper.....A,B,C,D
- Max.Operator Voltage..... Single Unit: AC50V/DC 20V
Dual Unit: DC 20V
- Rated Power.....Single Unit : 0.05W
Dual Unit : 0.03W
- Sliding Noise.....Less than 100mv
- Insulation Resistance.....More than 100M Ω at DC 250V
- Withstand voltage.....1 minute at AC 300V
- Gang Error(Dual Unit).....-40dB~0dB \pm 3dB
- Withstand Voltage.....1 minute at AC 300V
- Residual resistance.....Term.1~ 2: less than 20 Ω
Term.2~ 3: less than 20 Ω

Mechanical characteristics

- Total Rotational Angle.....300 $^{\circ}$ \pm 5 $^{\circ}$
- Rotational Torque.....20gf.cm~100gf.cm
- Rotational Stopper Strength.....3.0kgf.cm Min.
- Push-Pull Strength.....8.0kgf Min

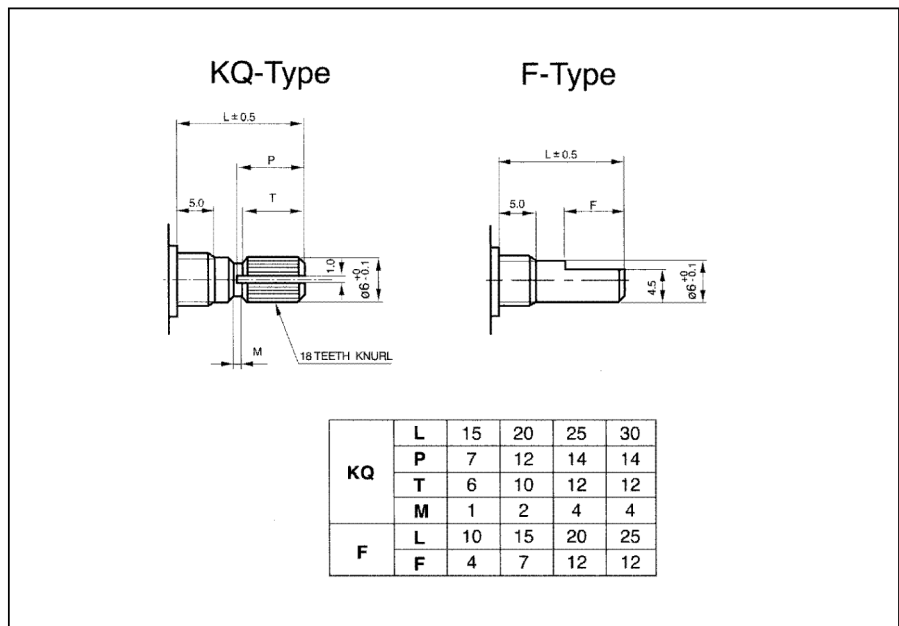
Durability

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



Shaft illustration

Standard Dimensions of Shaft for
F-125K Series.
(Customer designs are welcomed)



Part number system of metal shaft potentiometer



F- 12 5K A 50K L15 F C *7 H12.5 (L)

